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M.O. Form 2610

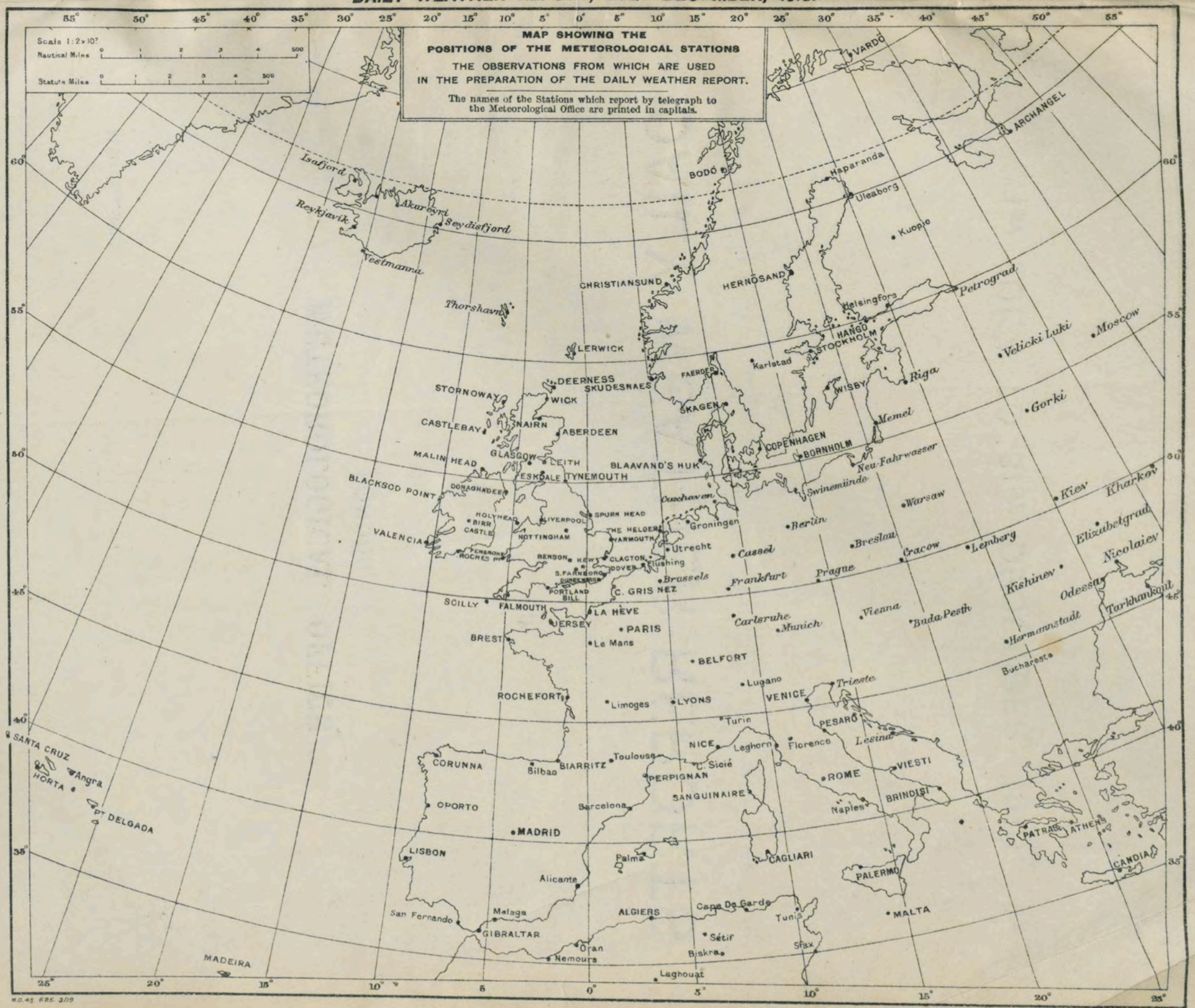
METEOROLOGICAL OFFICE,

LONDON.

DAILY WEATHER REPORTS

1st JULY TO 31st DECEMBER, 1918.

DAILY WEATHER REPORT, JULY–DECEMBER, 1918.



M.O. 45. 625. 3/19

Witman & Sons Ltd M.O. Press, London, S.W.

DAILY WEATHER REPORT. APPENDIX I.

NORMAL VALUES FOR PRESSURE, TEMPERATURE, RAINFALL, AND BRIGHT SUNSHINE.

THIRD QUARTER, JULY TO SEPTEMBER.

(Issued as a Supplement to the Daily Weather Report of October 1st.)

	STATIONS.	PRESSURE 1906–1915.	AIR TEMPERATURE.							RAINFALL 1881–1915.			BRIGHT SUNSHINE. 1881–1915.	
			Means of			Absolute Extremes.								
			1906–1915.	1881–1915.		1881–1915.								
						Maximum.		Minimum.						
		7 a.m. Observations (reduced to M.S. Level).	Dry Bulb 7 a.m.	Daily Maximum.	Daily Minimum.	Temp.	Year.	Temp.	Year.	Days with Rain.	Total Fall.		Daily Mean.	Per Centage of Possible Duration.
		mb.	°F.	°F.	°F.	°F.		°F.			mm.	in.	hr.	%
JULY.	Lerwick	1012·5	51·7	57·0	48·2	70	1897, 1911	37	1888	17	58	2·29	—	—
	Stornoway	1013·1	53·5	60·2	48·9	76	1894	32	1888	21	77	3·03	4·68	27
	Castlebay (Barra Isd.)	[1013·2]§	[54·4]§	[58·7]§	[51·6]§	[73]§	[1914]§	[44]§	[1913]§	[18]§	[69]§	[2·70]§	[5·42]§	[32]§
	Eskdalemuir	[1014·8]¶	[53·8]¶	[62·8]‖	[46·9]‖	[83]‖	[1911]‖	[34]‖	[1914]‖	[16]‖	[90]‖	[3·56]‖	[5·10]‖	[31]‖
	Malin Head	1013·4	54·5	[60·6]*	[52·3]*	[79]*	[1911]*	[42]*	[1888, 1902]*	[19]*	[72]*	[2·84]*	—	—
	Blacksod Point	1014·8	56·1	[62·2]*	[53·2]*	[80]*	[1894]*	[42]*	[1898]*	[21]*	[80]*	13·15]*	—	—
	Valencia	1016·3	56·9	63·8	53·8	81	1911	40	1907	21·	96	3·78	5·13	32
	Roche's Point	1016·5	56·6	64·7	53·7	76	1887, 1912	43	1907	15	73	2·88	—	—
	Birr Castle	1015·4	55·2	66·3	51·3	86	1911	37	1889	17	75	2·95	4·65	29
	Donaghadee	1014·6	54·5	63·2	51·8	80	1887	40	1883, 1902	17	71	2·80	—	—
	Liverpool (Observatory)	1015·1	56·6	65·7	54·2	88	1901	45	1888, 1907, 13	15	66	2·59	[6·03]§	[37]§
	Holyhead	1015·1	56·9	63·3	53·6	85	1901	43	1888	16	66	2·61	[5·87]**	[36]**
	Pembroke (St. Ann's Hd.)	1015·7	56·4	62·3	54·5	82	1911	43	1910	14	63	2·47	6·68	42
	Scilly (St. Mary's)	1016·7	57·9	64·8	56·2	78	1911	47	1910	15	56	2·22	6·97	45
	Falmouth	1017·0	58·6	65·8	55·1	80	1885	46	1897	15	72	2·84	7·26	46
	Jersey (St. Aubin's)	1017·4	60·2	68·3	56·4	87	1900, 1901	44	1907, 1909	13	53	2·10	7·94	51
	Portland Bill	1016·2	58·5	64·5	55·8	[79]†	[1901, 1912]†	[49]†	[1900, 1907]†	11	44	1·74	—	—
	Dungeness	1015·6	59·1	66·6	55·1	82	1900	40	1890	12	46	1·81	—	—
	Dover	[1015·5]§	[59·7]§	[66·7]§	[53·8]§	[87]§	[1911]§	[44]§	[1913]§	[14]§	[56]§	[2·19]§	[6·77]§	[43]§
	Wick	1012·9	52·6	60·6	48·4	80	1899, 1901	30	1886	18	67	2·63	—	—
	Nairn	1013·0	53·8	64·3	49·1	85	1901	36	1906	18	68	2·68	[4·52]‡	[27]‡
	Aberdeen	1013·5	55·1	62·8	50·3	83	1885	38	1898, 1903	17	71	2·81	5·13	30
	Leith	1013·7	55·8	65·8	51·4	83	1901	41	1887, 88, 92, 1903	16	65	2·55	—	—
	Tynemouth	1014·2	55·8	64·2	51·3	82	1911	39	1909	14	61	2·40	—	—
	Spurn Head	1014·4	57·4	65·0	54·3	86	1911	44	1888	12	45	1·78	[5·10]**	[31]**
	Yarmouth	1014·8	58·1	66·2	54·7	87	1881	42	1890	13	59	2·34	[6·45]§	[40]§
	Clacton-on-Sea	1015·5	58·8	67·7	54·7	[83]‡	[1911]‡	[40]‡	[1902]‡	11	49	1·92	7·00	44
	Nottingham	1015·2	57·0	69·7	52·2	92	1881	37	1888	15	61	2·38	5·71	35
	LONDON (Kew Obsy.)	1016·1	58·5	71·0	54·3	90	1881	43	1882, 1884	12	55	2·17	6·48	41
AUGUST.	Lerwick	1010·4	52·4	57·1	48·4	82	1910	38	1885, 95, 1909	20	76	3·01	—	—
	Stornoway	1011·4	53·3	60·0	49·0	75	1897, 1899	33	1888	22	101	3·97	4·29	28
	Castlebay (Barra Isd.)	[1012·1]§	[55·0]§	[59·3]§	[52·2]§	[75]§	[1911]§	[44]§	[1912]§	[18]§	[83]§	[3·27]§	[4·65]§	[31]§
	Eskdalemuir	[1014·0]¶	[51·8]¶	[61·8]‖	[46·5]‖	[79]‖	[1914]‖	[31]‖	[1912]‖	[18]‖	[122]‖	[4·79]‖	[4·19]‖	[29]‖
	Malin Head	1011·8	55·0	[61·0]*	[52·8]*	[80]*	[1900]*	[42]*	[1912]*	[21]*	[90]*	[3·52]*	—	—
	Blacksod Point	1013·0	56·6	[62·1]*	[53·4]*	[78]*	[1899, 1911]*	[42]*	[1887, 88, 1912]*	[22]*	[116]*	[4·58]*	—	—
	Valencia	1014·9	57·1	63·9	53·9	81	1899	42	1890, 1912	22	122	4·79	5·00	35
	Roche's Point	1015·3	56·8	64·5	53·7	78	1887	41	1912	18	96	3·78	—	—
	Birr Castle	1014·1	54·7	65·4	50·8	83	1911	35	1885, 1887	19	97	3·81	4·58	32
	Donaghadee	1013·2	54·5	63·1	51·9	78	1899	38	1886	19	84	3·32	—	—
	Liverpool (Observatory)	1014·0	56·7	65·0	53·9	87	1911	44	1885	17	78	3·08	[5·58]§	[38]§
	Holyhead	1014·0	57·5	63·4	54·0	86	1914	45	1888	17	81	3·18	[6·06]**	[42]**
	Pembroke (St. Ann's Hd.)	1014·8	57·4	62·8	55·1	82	1911	46	1912	16	80	3·15	6·16	43
	Scilly (St. Mary's)	1015·8	58·7	65·0	56·6	76	1911	48	1912	16	67	2·62	7·10	50
	Falmouth	1016·3	58·4	65·4	55·1	77	1909	44	1890	16	83	3·25	6·81	48
	Jersey (St. Aubin's)	1017·0	61·2	68·8	57·1	89	1893	45	1890, 1909	14	62	2·44	7·74	54
	Portland Bill	1015·6	59·6	65·2	56·5	[83]†	[1911]†	[47]†	[1912]†	12	54	2·12	—	—
	Dungeness	1015·4	59·7	67·3	55·5	82	1904	39	1890	13	50	1·98	—	—
	Dover	[1015·6]§	[59·9]§	[67·1]§	[54·2]§	[89]§	[1911]§	[44]§	[1913]§	[14]§	[58]§	[2·27]§	[6·87]§	[48]§
	Wick	1011·2	52·6	60·6	48·2	85	1893	30	1886	21	70	2·75	—	—
	Nairn	1011·4	53·2	63·7	48·7	86	1899	33	1885, 91, 1904	19	61	2·41	[4·13]‡	[28]‡
	Aberdeen	1012·2	54·5	62·4	49·9	81	1882, 99, 1906	33	1885	18	70	2·74	4·84	32
	Leith	1012·4	55·5	65·4	51·2	85	1893, 1906	38	1881, 1892	17	75	2·94	—	—
	Tynemouth	1013·2	55·5	64·2	51·1	83	1893	38	1912	16	70	2·75	—	—
	Spurn Head	1013·8	57·7	65·1	54·4	87	1893	45	1909	14	54	2·11	[5·55]**	[38]**
	Yarmouth	1014·7	58·1	66·3	54·2	85	1893	41	1902	14	63	2·47	[6·29]§	[44]§
	Clacton-on-Sea	1015·3	59·1	67·5	54·9	[85]‡	[1911]‡	[43]‡	[1908, 1915]‡	14	47	1·86	6·87	48
	Nottingham	1014·5	55·8	68·4	51·2	94	1911	37	1908	16	63	2·49	5·42	37
	LONDON (Kew Obsy.)	1015·8	58·0	69·7	53·5	94	1911	41	1890	13	57	2·24	6·03	42
SEPTEMBER.	Lerwick	1015·5	49·7	54·6	46·5	69	1898	34	1887, 1888	20	76	3·01	—	—
	Stornoway	1016·5	50·4	57·7	46·2	77	1906	32	1885, 1904	21	100	3·95	3·83	30
	Castlebay (Barra Isd.)	[1016·5]§	[52·8]§	[56·9]§	[50·2]§	[68]§	[1914]§	[39]§	[1915]§	[16]§	[70]§	[2·75]§	[4·00]§	[32]§
	Eskdalemuir	[1017·9]¶	[46·3]¶	[58·1]‖	[41·6]‖	[71]‖	[1914]‖	[27]‖	[1910, 11, 14, 15]‖	[12]‖	[60]‖	[2·36]‖	[4·27]‖	[34]‖
	Malin Head	1016·9	52·9	[58·9]*	[50·6]*	[84]*	[1906]*	[38]*	[1886]*	[17]*	[67]*	[2·62]*	—	—
	Blacksod Point	1017·6	54·6	[60·1]*	[51·1]*	[78]*	[1898]*	[39]*	[1899]*	[19]*	[99]*	[3·88]*	—	—
	Valencia	1018·4	54·1	61·8	51·3	79	1898, 1906	35	1899	18	105	4·14	4·43	36
	Roche's Point	1019·1	54·6	61·8	51·4	73	1895, 1906, 11, 13	39	1893	16	75	2·97	—	—
	Birr Castle	1018·5	50·9	62·1	47·0	80	1906	29	1899	15	58	2·29	4·20	34
	Donaghadee	1018·3	52·2	60·3	49·4	75	1906	36	1882, 94, 99, 1909	16	61	2·39	—	—
	Liverpool (Observatory)	1018·9	52·6	61·4	50·7	87	1906	39	1885, 1914, 15	15	61	2·41	[4·47]§	[36]§
	Holyhead	1018·5	54·9	61·0	51·8	77	1898	41	1912	15	68	2·68	[5·60]**	[45]**
	Pembroke (St. Ann's Hd.)	1018·6	54·7	60·8	52·8	74	1895	40	1885	14	69	2·73	5·00	40
	Scilly (St. Mary's)	1018·5	56·6	62·5	54·7	74	1911	44	1885, 88, 1912	15	62	2·45	5·60	45
	Falmouth	1019·3	55·1	62·1	52·7	75	1906	36	1885	15	74	2·91	5·43	44
	Jersey (St. Aubin's)	1019·3	57·7	66·0	54·6	89	1906, 1911	41	1891	14	61	2·41	6·20	50
	Portland Bill	1018·7	56·8	62·9	54·1	[75]†	[1911]†	[42]†	[1915]†	12	48	1·88	—	—
	Dungeness	1018·4	55·5	64·3	52·0	81	1906	32	1885	13	52	2·05	—	—
	Dover	[1018·5]§	[55·4]§	[63·8]§	[50·9]§	[87]§	[1911]§	[38]§	[1915]§	[12]§	[50]§	[1·96]§	[6·33]§	[51]§
	Wick	1016·2	50·1	57·8	45·9	78	1898	29	1885, 87, 1907	19	64	2·50	—	—
	Nairn	1016·7	48·9	60·4	44·9	84	1906	25	1892	17	56	2·20	[3·87]‡	[31]‡
	Aberdeen	1017·5	50·6	59·2	46·7	82	1906	30	1887	17	56	2·22	4·13	33
	Leith	1017·8	51·2	61·8	47·6	83	1898	33	1886, 1905	13	45	1·76	—	—
	Tynemouth	1018·3	51·2	60·7	47·8	88	1906	34	1885, 89, 93, 1907	13	46	1·80	—	—
	Spurn Head	1018·2	54·3	61·4	51·7	79	1899	38	1892, 1909	12	36	1·42	[5·83]**	[47]**
	Yarmouth	1018·4	54·7	62·5	51·5	80	1911	33	1885	13	50	1·96	[5·23]§	[42]§
	Clacton-on-Sea	1018·8	55·2	63·3	51·6	[79]‡	[1906]‡	[38]‡	[1904, 1915]‡	9	42	1·64	5·87	47
	Nottingham	1019·0	50·7	64·0	47·4	94	1906	30	1887	14	42	1·65	4·20	34
	LONDON (Kew Obsy.)	1019·4	52·3	64·9	49·3	92	1906	33	1887	12	48	1·87	4·83	39

* Results for 30 years, 1886–1915.
† „ 16 „ 1900–1915.
‡ „ 15 „ 1901–1915.

‡ Results for 9 years, 1907–1915.
§ „ 8 „ 1908–1915.
‖ „ 6 „ 1910–1915.

¶ Results for 5 years, 1911–1915.
** „ 2 „ 1914–1915.

METEOROLOGICAL OFFICE,
South Kensington, London, S.W.
March, 1916.

7055—

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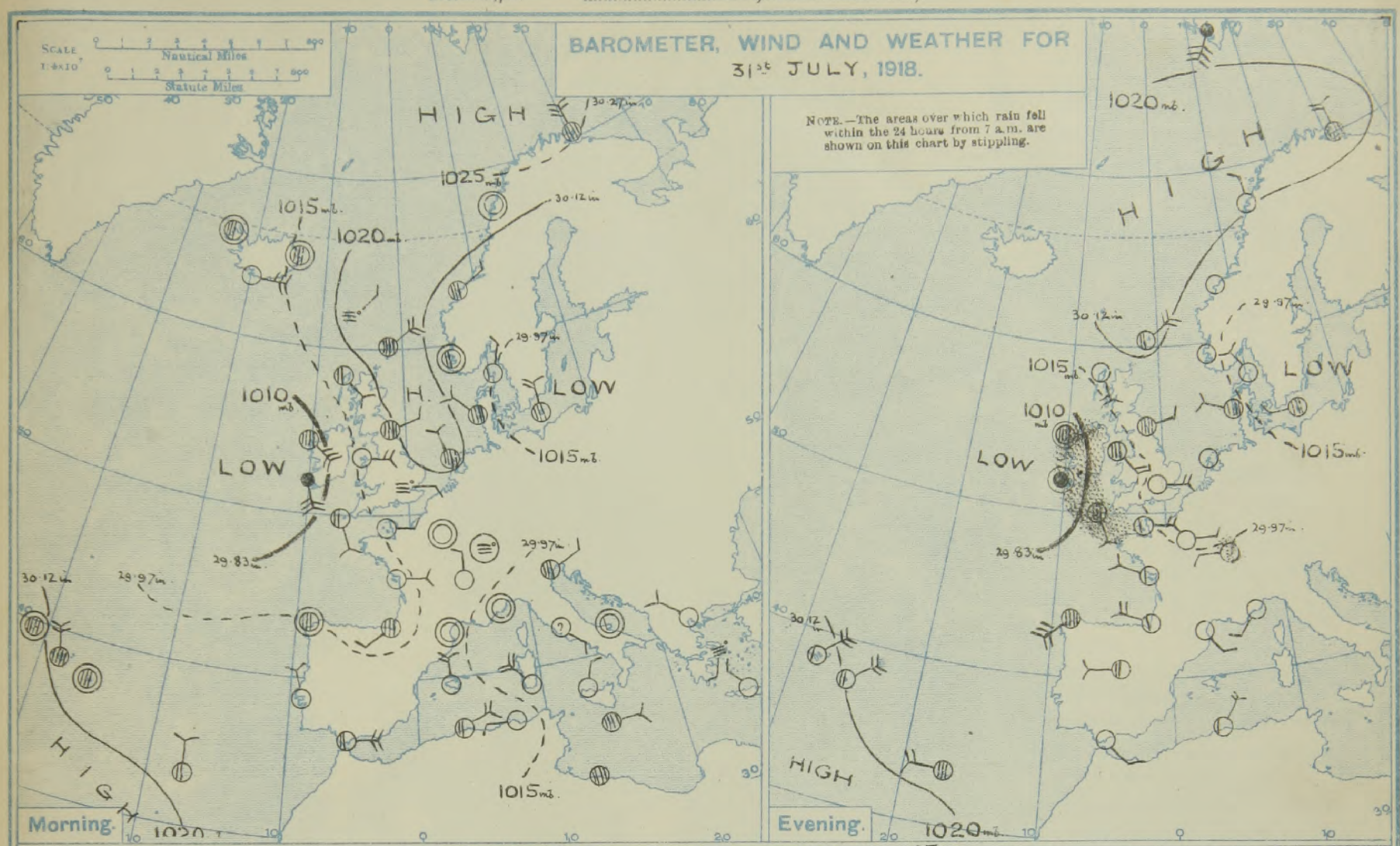
‡ The barometric change is expressed in millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,706 THURSDAY, 1st AUGUST, 1918.

BAROMETER, WIND AND WEATHER FOR 31st JULY, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 31st JULY

	STATIONS.	Evening of 30th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 31st: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...							‡							*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice						1013·9	*	72	+2	ENE	1	c	-	79	66
	Turin	1013·3	73	-	0	b	1014·3	*	68	+4	-	0	b	-	86	59
	Pesaro						1013·7	*	79	0	-	0	b	-	84	61
	Leghorn ...						1014·5	*	72	-3	-	0	b	-	81	66
	Rome	1014·9	73	SW	1	b	1015·0	*	?	?	SE	1	?	-	84	61
	Viesti	1014·5	75	-	0	b	1014·5	*	77	+4	-	0	b	-	82	68
	Brindisi	1014·7	75	NW	1	b	1014·5	*	75	+3	-	0	b	-	79	68
	Cagliari	1013·1	84	SE	4	b.	1012·2	*	72	-1	NW	4	b	-	88	64
	Palermo						1013·4	*	72	-3	NNE	1	b	-	86	75
	Tripoli						1011·9	*	79	-11	?	?	0	?	?	72

ICELAND.	Morning of 31st: Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1013·2	55	-2	-	0	c.
Reykjavik	1010·7	61	+7	ESE	5	bc
Vestmanna	1012·3	52	0	E	5	b
Seydisfjord	1016·4	57	+5	-	0	c
Thorshavn	1021·9	55	+5	NE	1	m.

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

1st and 2nd August 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.13	11.59	7.45
	4.15	11.59	7.43
Greenwich	4.24	12.6	7.48
	4.26	12.6	7.46
Wick	4.3	12.18	8.33
	4.6	12.18	8.30
Valencia	5.3	12.47	8.32
	5.5	12.47	8.30

LONDON

1st August 9h. G.M.T.

	Humidity 15 h. 31st %	Humidity 9 h. 1st %	Sunshine for 31st Hours.	24 Hours ended 9 h. 1st: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	60	75	12·2	74	53	45	-	b	b bc. b	bc. com
CITY (Bunhill Row)	*	*	9·6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	79	72	10·6	75	57	54	-	*	*	*
" (Roof near Charing Cross) ..										*
CAMDEN SQ. (British Rainfall)	55	73	9·7	80	55	52	-	b.	b.	*
KENSINGTON PALACE	58	75	11·1	76	56	51	-	b.	b.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 31st.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1710	30·7	58

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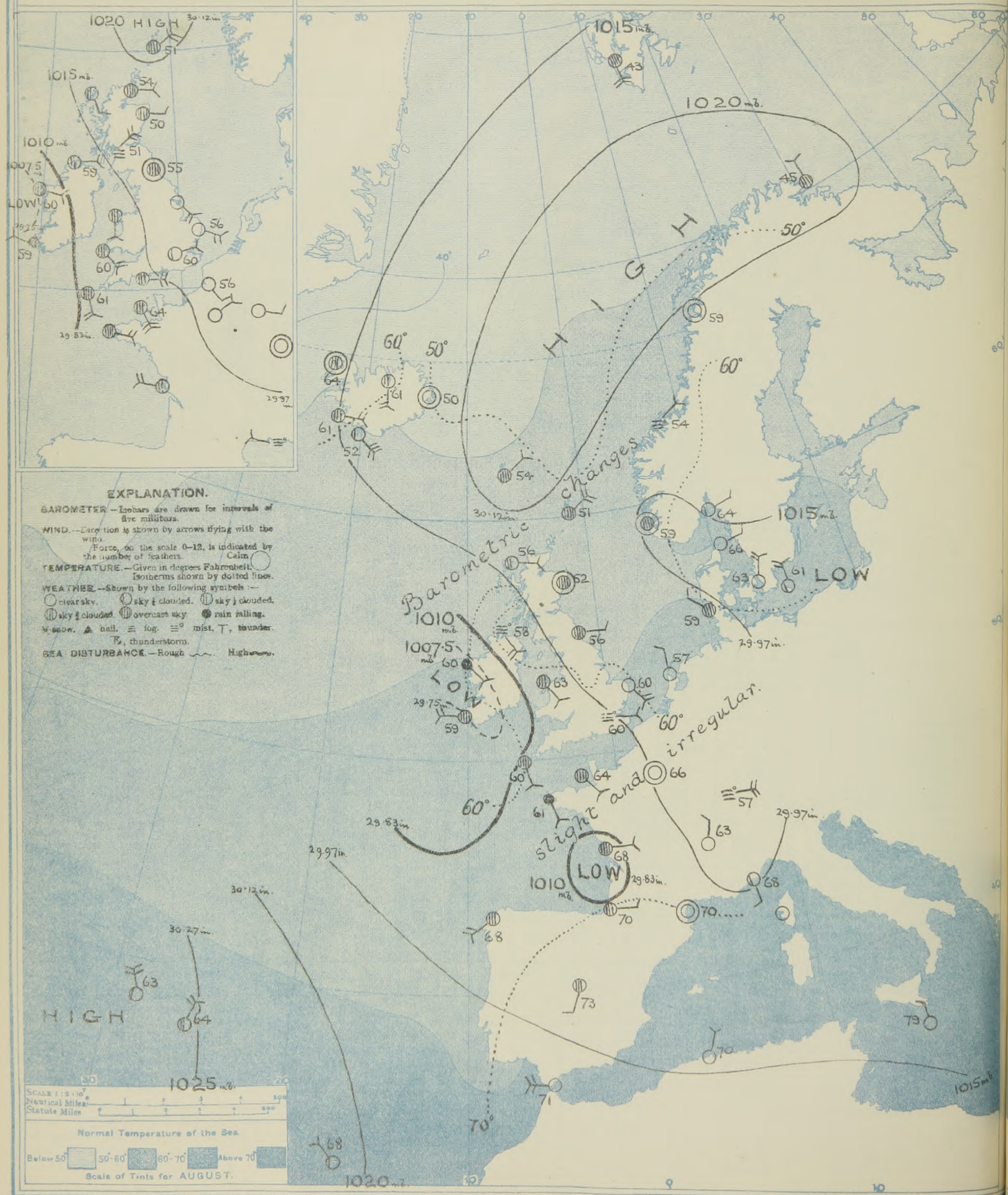
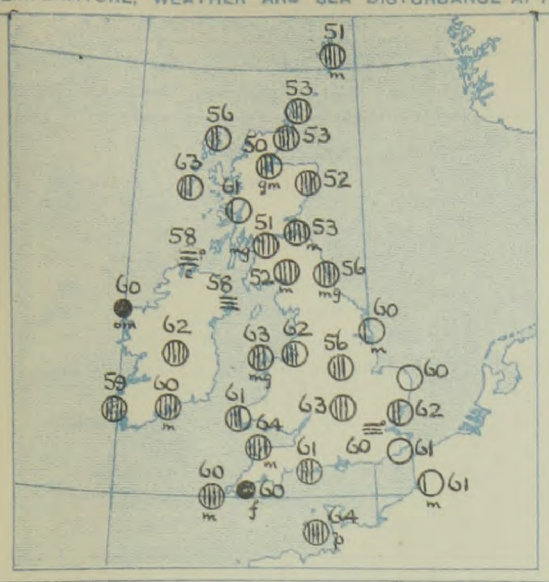
‡ The barometric change is expressed in half-millibars.

1st AUGUST at 1h. G.M.T.

THE MORNING OF THURSDAY, 1st AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the weather of the 24 hours ended 7h Today.

Temperature rose to 82° at Jersey, 79° at Benson, South Farnborough and Liverpool, and 76° at Birr Castle; on the NE coast of Great Britain it failed to reach 60°. Rain fell on the extreme SW coast of England and in the west of Ireland; 19mm at Valencia, and 21mm at Blacksod Point In the west of Scotland and the greater part of England the weather was very bright, the sunshine records ranging up to 13 hrs. at Yarmouth and 13.4 hours at South Farnborough In the east of Scotland and at some Irish stations mist or fog was prevalent.

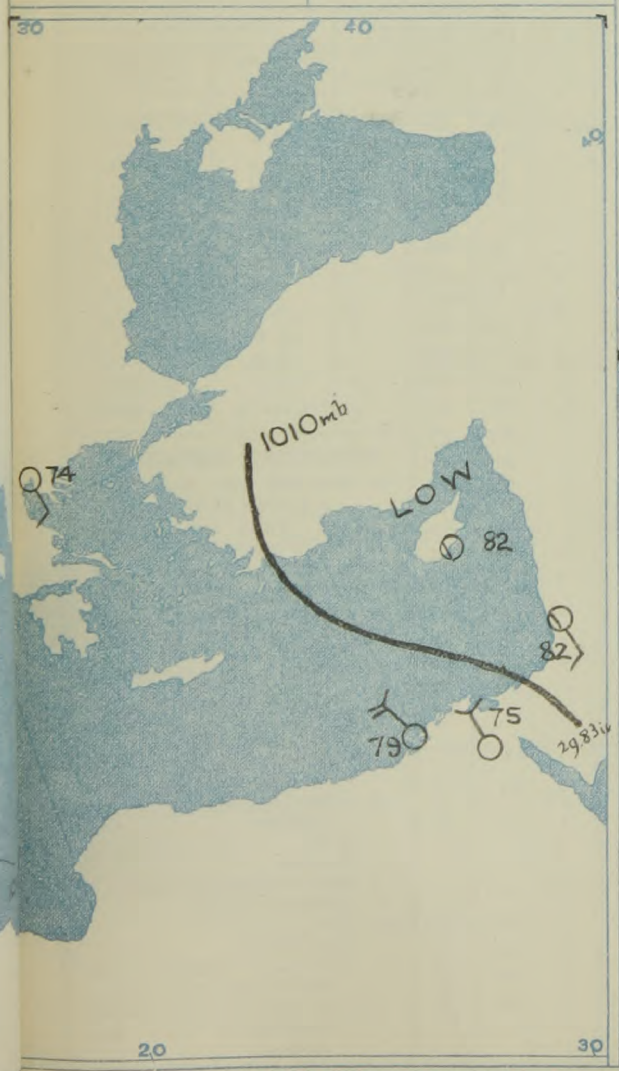
The Conditions at 7h Today.

Pressure continues highest in the far north, while it is high over the North Sea and thence to Nothern Italy. A small shallow depression is centred over the SW of Ireland, and another disturbance has appeared over the Bay of Biscay The barometer changes in progress are very slight. The wind remains very light generally, its main direction over the British Isles being between SE and E. The sky is cloudy or overcast at most places in the west and north of these Islands, with rain at Blacksod Point, Falmouth and Brest, and showers at Jersey. Fog is reported at Falmouth and Donaghadee. In the SE the weather is fair to bright. Temperature is rather high generally, but low in the east and north of Scotland.

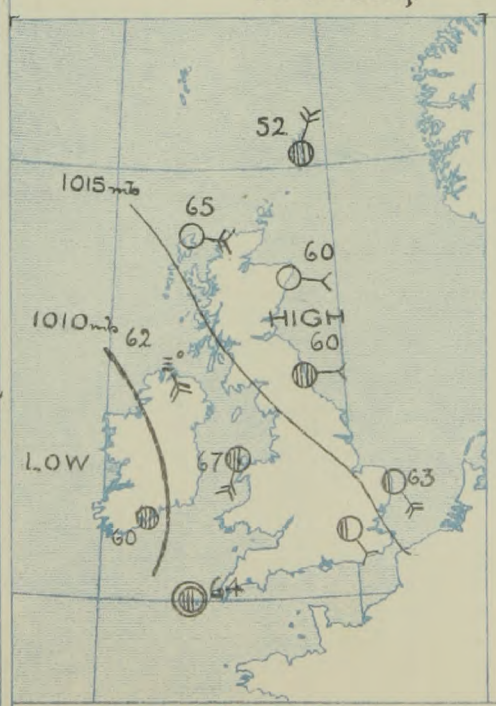
The Outlook.

The pressure changes are too slight and indefinite to indicate any general change in the distribution, but it is not improbable that the shallow depression over the Bay of Biscay will move slowly towards this country and produce thunderstorms in the south within 24 or 48 hours.

H.N.



Thursday, 1st AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The pressure changes since 7h. have been slight - upward in the south-west and downward in the east and north. No information is available for the Bay of Biscay region.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 213.

THURSDAY 1ST AUGUST

	STATIONS.	Evening of 31st: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 1st: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h. 1st: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Afternoon.	Night.	Sunshine for 31st Hours.
BRITISH ISLANDS.	Lerwick ...	1020·7	52	NE	4	bc	1019·0	−2	51	+1	NNE	4	-	om	3	-	55	49	bm	bc	om	*
	Deerness (Orkney)	1019·6	54	E	3	c	1018·6	*	53	+1	NE	3	-	o	2	-	57	49	o c. bc	bc. c	c. o	5·2
	Stornoway ...	1016·0	66	SSE	3	b	1015·9	0	56	−3	E	2	-	bc	1	-	68	53	b	b	b. bc	12·9
	Castlebay (Barra Isd.)	1014·2	66	ENE	4	om	1013·3	0	63	+3	NE	4	-	c	4	-	69	60	bm. cm	c. om	om. c	9·4
	Glasgow ...	1016·6	59	ENE	5	bz	1016·5	−1	51	+1	E	3	-	omg	*	-	64	49	o.c. bcm	bc. bz	b. oz. om	6·7
	Eskdalemuir ...	1017·0	59	NE	3	cm	1016·1	−1	52	0	NNE	3	-	om	*	-	63	50	om	om	cm. om	2·4
	Malin Head ...	1011·6	67	SE	4	cm	1011·3	−2	58	−4	SE	3	E	cm	2	-	67	57	cm	cm	cm	2·9
	Blacksod Point	1008·9	63	-	0	omg	1007·3	0	60	0	SE	2	-	omr	4	21	65	58	cg z	omr	omr	*
	Valencia (Cahirciveen)	1006·1	60	-	0	r	1007·8	+1	59	−3	W	3	-	o	3	19	64	58	or p	or	r. o	0·0
	Roche's Point	1010·0	60	ESE	3	f	1007·5	*	60	0	SE	4	-	om	4	12	63	60	om f	op. f	f. r. om	*
	Birr Castle ...	1009·8	68	SE	2	c	1008·6	*	62	−1	SE	1	-	o	*	0·2	76	61	c	c	cp. o	5·0
	Donaghadee ...	1013·6	62	SE	2	of	1012·9	0	58	+3	NE	2	-	of	4	-	64	55	of. bc f	of	cf o f	*
	Liverpool (Bidston)	1013·9	75	SE	[illegible]	bc	1012·8	−1	62	+2	ESE	3	S	c	2	-	79	59	bm	bm	cm	11·7
	Holyhead ...	1013·3	75	SE	3	cg	1011·0	−1	63	+3	NNW	3	-	cmg	2	-	78	60	b. bcz	bc. c. og	bc. c	9·2
	Pembroke (St. Ann's)	1013·3	64	SSE	2	c	1010·8	0	61	−1	ESE	3	E	c	3	-	70	59	bc. c	c	c. bc. c	6·2
	Hartland Quay	1012·8	74	SE	3	c	1010·9	0	64	+1	SE	4	-	om	3	-	79	61	c	cg. o. cg	c. bc. o	*
	Scilly (St. Mary's)	1012·3	61	SSE	2	cm	1010·1	0	60	−2	SSE	2	-	om	3	4	68	59	bcm	bcm. cm	o omp f	3·6
	Falmouth ...	1012·6	65	SE	3	bg	1011·2	+1	60	−3	SE	1	-	rf	*	Trace	68	59	c	c cz. b	od	7·1
	Jersey (St. Aubin)	1013·6	78	E	3	b	1011·7	*	64	−2	SE	2	-	op	2	1	82	62	b	b	b. op	12·8
	Portland Bill ...	1015·0	63	E	3	bc	1011·3	−1	61	−1	E	4	SE	c	4	-	67	59	b. bc	bc	bc. c	*
	Dungeness ...	1016·8	62	ENE	3	b	1014·8	−1	61	+2	ENE	2	-	b	2	-	66	58	f. b	b	b	*
	Wick ...	1019·3	54	ENE	2	og	1018·1	0	53	+1	E	1	-	o	3	-	55	51	omg. c	c. o. g	o g	*
	Nairn ...	1017·5	57	NE	3	bcq	1017·4	*	50	−3	-	0	-	cgm	1	0·1	60	45	c bc	bc	bc mc	6·7
	Aberdeen ...	1018·9	54	ESE	1	b	1018·3	0	52	+4	-	0	-	o	1	-	56	48	m. om. c	bcp	b. bc. o	6·7
	Leith ...	1017·5	54	E	4	c	1016·6	0	53	0	E	2	-	o	3	-	56	52	om. ac	c. oz. c	comco	*
	Tynemouth ...	1018·4	55	ENE	1	om	1016·4	−1	56	+1	E	1	-	omg	2	-	57	54	om	om	omg	*
	Spurn Head ...	1018·3	58	ESE	3	b	1016·1	−1	60	+6	SE	2	-	bm	2	-	59	53	c	c. bc. b	bm	7·1
	Yarmouth (Gorleston)	1017·6	59	SSE	2	b	1016·4	−2	60	+2	SE	3	-	b	3	-	64	52	bc. b	b	b. bc	13·0
	Clacton-on-Sea	1017·9	62	ESE	2	bv	1015·9	−1	62	+2	E	3	-	bc	2	-	65	59	c. bc. bz	bz. bv	bv. bc	11·5
	Nottingham ...	1016·1	73	E	2	bc	1015·3	*	56	+2	E	1	S	c	*	-	77	53	c. bc	b. bc	bc. b	10·2
	Benson (Oxon.) ...	1014·9	75	S	1	b	1013·0	−1	63	+1	SE	3	-	c	*	-	79	56	bz	bc	b. oz	*
	Sth Farnborough	1015·8	74	SE	3	bz	1014·1	−1	61	+2	SE	3	SW	ozw	*	-	79	53	bz	bcz. bz	bz. oz	13·4
	Salisbury Plain	1015·4	70	SE	2	bc	1012·4	−2	61	+2	ESE	2	S	bc	*	-	77	56			c	11·2
	London (Kew Obsy.)	1016·1	72	E	3	bz	1014·5	0	60	−1	E	2	SW	bm	*	-	76	57	omr. bcz	bcz. bz	bz. bm	10·4
NORTHERN EUROPE.	Spitsbergen ...	1018·6	41	SW	6	r	1017·4	0	43		S	4	*	o	*	*	43	39				
	Vardö ...	1024·3	45	N	3	o	1023·5	0	45	−1	N	2	-	o	3	*	46	43				
	Bodö ...	1020·7	59	N	1	b	1019·8	0	59	0	-	0	-	b	1	-	59	48				
	Christiansund ...	1017·8	61	-	0	b	1017·9	0	54	−5	NE	2	-	m	2	-	63	52				
	Skudesnaes ...	1015·2	63	-	0	b	1014·8	0	59	+2	-	0	-	o	1	-	63	52				
	Færder (X'tania Fjord)	1013·5	61	W	1	b	1015·4	0	64	0	ENE	1	-	b	1	-	70	63				
	The Scaw (Skagen)	1013·8	66	NW	2	b	1014·7	+1	66	+2	ENE	1	-	b	1	-	68	55				
	Blaavands Huk	1016·6	59	WNW	2	o	1016·4	0	59	+2	NW	1	-	o	*	-	63	54				
	Copenhagen ...	1012·4	68	NW	2	b	1013·0	+1	63	−3	NNE	3	-	b	*	-	70	61				
	Bornholm ...	1011·4	64	W	1	c	1011·0	0	61	0	N	3	-	b	1	-	64	59				
FRANCE, &c.	The Helder ...	1018·3	59	NW	2	bc	1017·1	0	57	0	N	1	-	c	0	-	61	55				
	C. Gris Nez ...	1017·5	63	ENE	2	b	1015·1	−1	66	+5	SE	1	*	b		-	70	55				
	Lá Hève ...	1019·8	79	ENE	2	m	1014·0	*	66	+2	ESE	5	*	m		-	81	63				
	Brest (St. Mathieu)	1018·8	73	SSE	2	c	1012·4	0	61	−5	SSE	2	*	r		9	?	55				
	Rochefort (Ile d'Aix)	1012·3	77	WNW	2	b	1009·2	−3	68	+4	E	2	*	bc	*	-	57	64				
	Biarritz ...	1011·6	72	WNW	3	b	1010·3	−1	70	+2	E	1	*	c		-	81	64				
	Paris ...	1016·2	75	E	1	b	1015·4	0	66	+3	-	0	-	b	*	-	79	54				
	Belfort ...	1014·8	72	W	1	b	1017·4	*	57	+2	E	4	*	m	*	-	79	50				
	Lyons ...						1015·4	*	63	+2	-	0	*	b	*	-	84	57				
	Nice ...	1013·2	68	SW	1	b	1016·0	+1	68	0	S	1	*	b		-	79	59				
	Perpignan ...						1012·7	0	70	+4	-	0		b	*	-	88	61				
	Sanguinaire ...							*					*									
IBERIA, &c.	Corunna ...	1013·8	77	SW	5	o	1014·3	+1	68	0	SW	3	-	c	2	4	79	63				
	Madrid ...	1024·2	86	W	2	bc	1013·9	+2	73		SSW	1	S	c	*	0	93	64				
	Lisbon ...	1015·8	77	WSW	4	b																
	Azores (Horta) ...	1021·5	*	NNE	4	b	1026·2	+2	63	0	NNW	4	*	b	2	-	72	61				
	" (P. Delgada)	1020·0	*	NNE	4	bc	1025·1	+2	64	−2	NNE	3	*	bc	2	-	73	63				
	Madeira ...	1019·5	73	W	3	c	1021·8	0	68	0	NW	2	-	b	2	-	73	68				
	Gibraltar ...	1015·9	73	SE	1	b	1015·9	*	71	−2	W	4	*	b	2	-	84	68				
	Palma ...																					
MEDITERRANEAN.	Algiers ...																					
	Malta ...	*	*	*	*	*	1014·7	+1	79	+2	N	1	1	b	*	-	81	73				
	Salonica ...	1011·5	76	SE	1	b	1013·5	+1	74	+1	S	1	-	b	0	-	89	66				
	Athens ...																					
	Candia ...																					
	Limassol ...	*	*	*	*	*	1006·6	+1	82	+1	-	0	-	b	0	-	90	70				
	Alexandria ...	1011·8	79	NNW	4	b	1011·4	0	79	−2	NNW	3	-	b	2	-	90	75				
	Cairo (Helwan) ...	1011·0	84	N	3	b	1011·2	+1	75	−2	N	2	-	b	*	-	95	70				
	Jerusalem ...	?	73	WNW	4	b	?	0	70	0	W	2	-	b	*	-	86	61				
	Ramleh ...	1008·8	81	-	0	b	1009·6	+1	82	+1	S	1	-	b	-	-	91	72				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

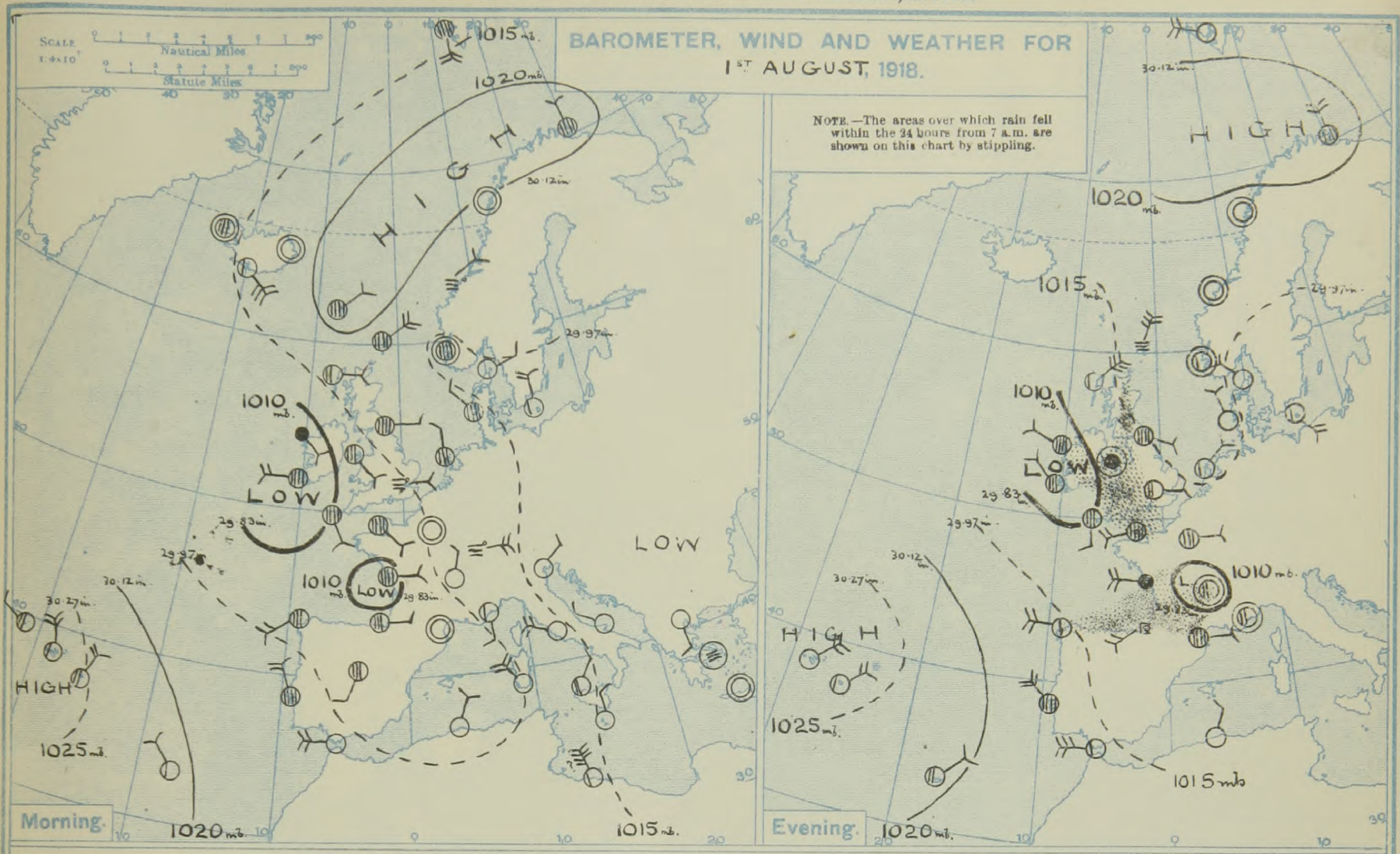
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,707 FRIDAY, 2ND AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 1ST AUGUST

	STATIONS.	Evening of 31st July: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 1st August: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F.					°F.	°F.
RUSSIA.	Archangel ...														*	
RUSSIA.	Petrograd ...															
RUSSIA.	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
SWEDEN.	Stockholm ...							*						*	*	*
SWEDEN.	Wisby							*						*	*	*
ITALY.	Venice	?	73	-	0	5	1014·1	*	?	?	NE	1	b	-	79	66
ITALY.	Turin	1013·5	72	-	0	b	1015·3	*	?	?	NNE	2	bc	-	81	61
ITALY.	Pesaro	1013·5	73	-	0	b	1014·2	*	79	0	-	0	b	-	82	61
ITALY.	Leghorn ...						1015·1	*	72	0	-	0	m	-	79	64
ITALY.	Rome	1014·6	73	SW	1	b	1015·5	*	72	?	WNW	4	b	-	84	73
ITALY.	Viesti	1012·2	72	NW	1	b	1014·1	*	75	-2	WNW	1	b	-	81	72
ITALY.	Brindisi	1013·8	77	NW	2	c	1014·2	*	68	-7	NW	1	b	-	81	66
ITALY.	Cagliari						1015·0	*	70	-2	NW	4	b	-	90	64
ITALY.	Palermo						1015·8	*	77	+5	NE	1	bc	-	86	66
ITALY.	Tripoli						1015·4	*	79	0	NNW	7	b	-	99	77

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F.	°F.			
Isafjord ...	1014·6	64	+9	-	0	c
Reykjavik	1015·1	61	0	E	3	c
Vestmanna	1015·4	52	0	SE	5	b
Seydisfjord	1019·2	50	-7	-	0	b
Thorshavn	1022·6	54	-1	NE	2	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

2ND AND 3RD AUGUST 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·15	11·59	7·43
	4·17	11·59	7·41
Greenwich	4·26	12·6	7·46
	4·28	12·6	7·44
Wick	4·6	12·18	8·30
	4·9	12·18	8·27
Valencia	5·5	12·47	8·30
	5·7	12·47	8·28

LONDON 2ND AUGUST 9h. G.M.T.	Humidity. 15 h. 1st	Humidity. 9 h. 2nd	Sunshine for 1st	24 Hours ended 9 h. 2nd: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	62	83	7·0	76	59	54	-	bc.	bc.c.o.	o. ou.
CITY (Bunhill Row)	*	*	5·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	48	84	5·1	76	61	58	-	*	*	*
" (Roof near Charing Cross)	54	76	4·4	75	61	*	-	bm.	c. ou.	*
CAMDEN SQ. (British Rainfall)	52	76	5·3	81	59	56	-	bc.	b. bc.	*
KENSINGTON PALACE	55	80	5·2	77	60	56	-	z.	z. o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 1ST

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1400	25·2	64·5

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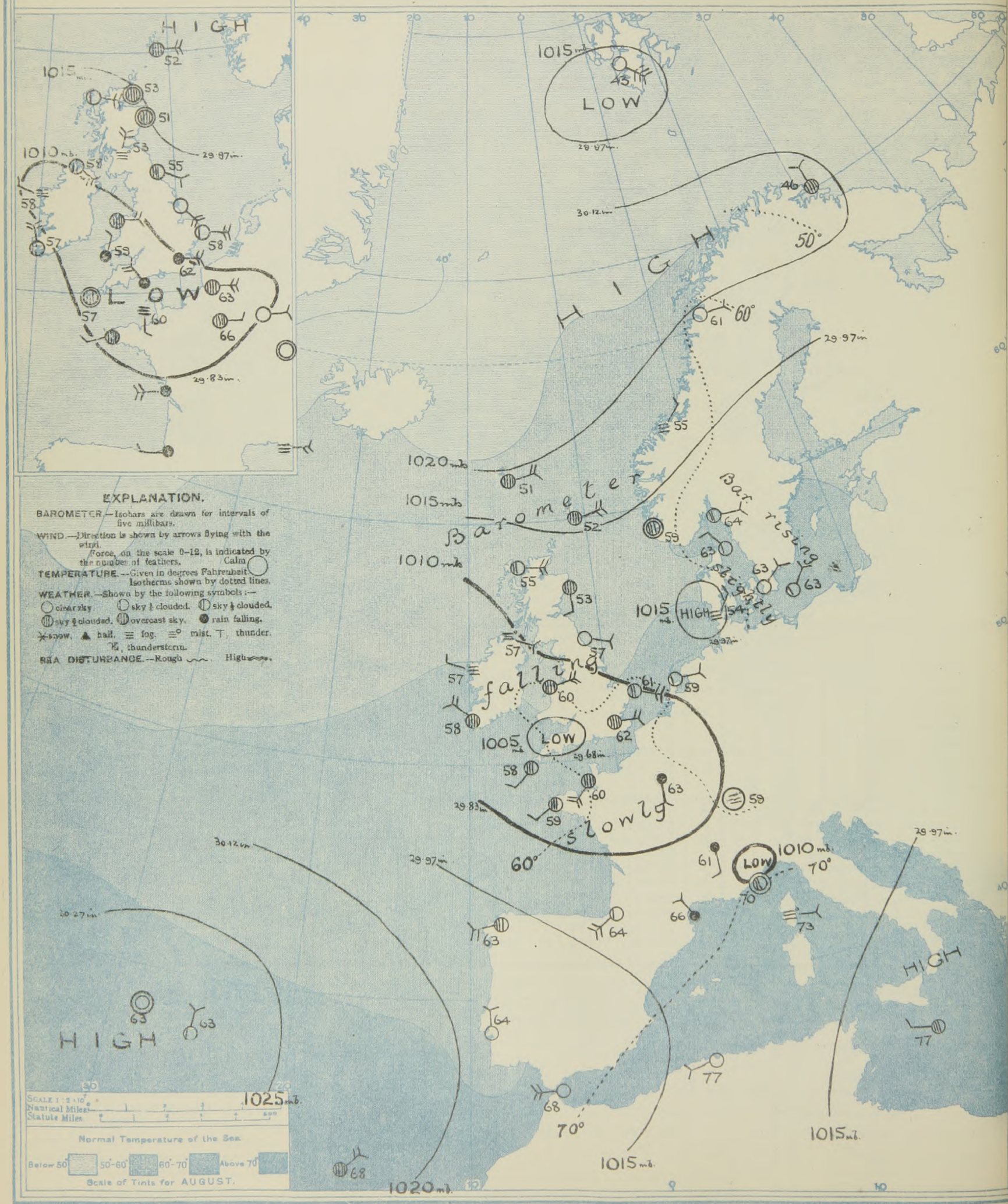
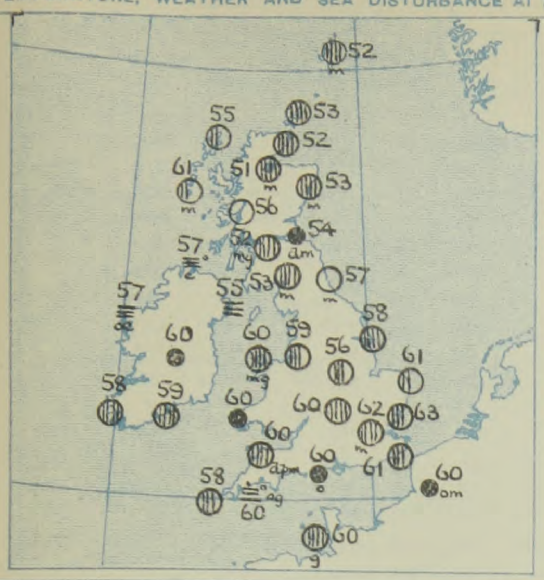
‡ The barometric change is expressed in half-millibars.

2ND AUGUST at 1h. G.M.T.

THE MORNING OF FRIDAY, 2ND AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the weather of the 24 hours ended 7h Today.

Rain fell at many places in Ireland, Wales and the SW of England and at Jersey, the largest amount reported being 27mm at Pembroke. Bright sunshine was less prevalent than of late generally, but some of the records from the east of England and Scotland exceeded 10 hours, while at Stornoway the value was 13.5 hours. In the south-west and south-east of England, most of Ireland and the south-west of Scotland the day was early or entirely sunless. Temperature rose to 79° at Nottingham, 78° in London, 77° at Liverpool and to above 70° at some other English stations, and the minimum readings for the night were rather high generally.

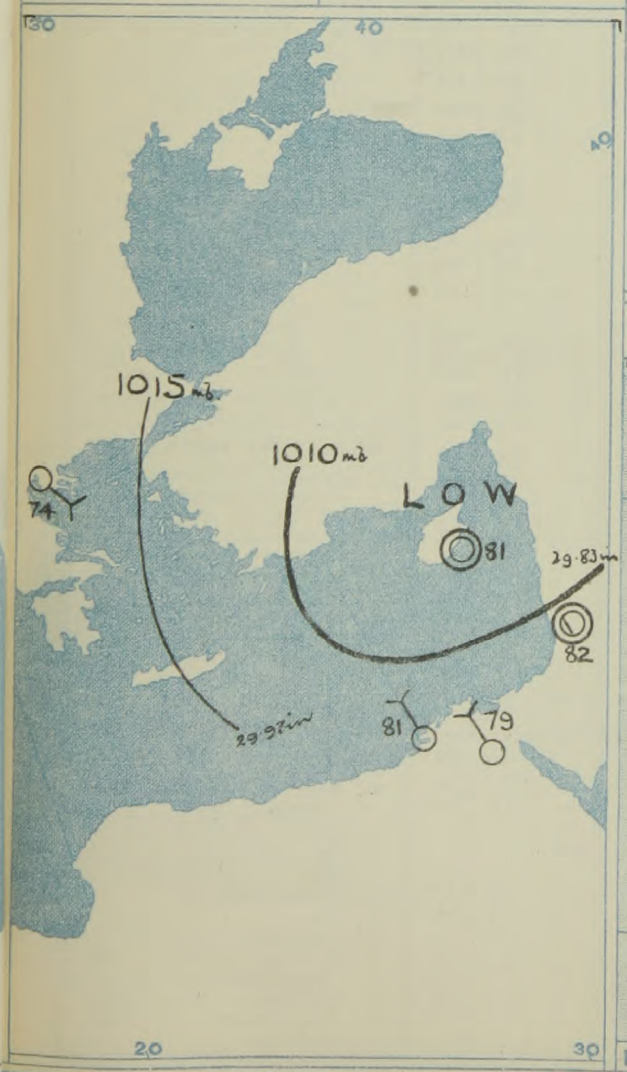
The Conditions at 7h Today.

The depression in the west moved east during the night to the Bristol Channel and became larger and rather deeper. The barometer is still falling slowly very generally over the United Kingdom and its immediate vicinity. Pressure continues highest to the northward of Scotland, and the gradient for Easterly wind is increasing somewhat. The weather is cloudy or overcast in nearly all districts, with rain at several stations in the south and south-west, as well as at Leith. Temperature has fallen a little in most regions.

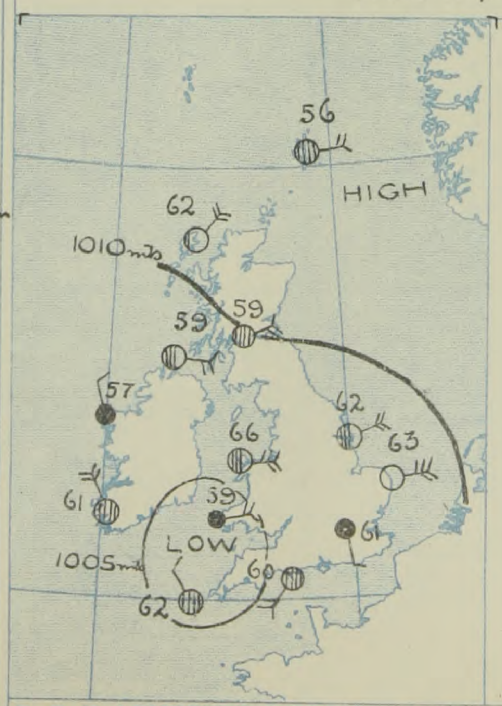
The Outlook.

The depression in the south-west is likely to move eastward and to increase further in depth. Unsettled conditions with rain at times, appear probable during the next two or three days.

H.A.



FRIDAY, 2ND AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The depression has increased somewhat in depth and appears to be moving slowly ESE. Rain has now become more general over southern England and temperature is much lower than during yesterday.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 214. FRIDAY, 2nd AUGUST.

Stations	Evening of 1st: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0–12	Evening: Weather	Morning of 2nd: Barometer Millibars at M.S.L.	Morning: Change in 3 hours ‡	Morning: Temp. Dry Bulb °F.	Morning: Change in 24 hours °F.	Morning: Wind Direc.	Morning: Wind Force 0–12	Direc. of Upper Cloud	Morning: Weather	Sea 0–9	24 hrs ended 7 h 2nd: Rainfall Millimetres	Temp. Max. °F.	Temp. Min. °F.	Weather: Morning	Weather: Afternoon	Weather: Night	Sunshine for 1st, Hours
BRITISH ISLANDS																					
Lerwick	1016·8	52	NNE	5	f	1015·3	0	52	+1	ENE	4	-	om	3	-	53	50	om	f	om	*
Deerness (Orkney)	1016·2	55	NE	3	odf	1013·5	*	53	0	ESE	2	-	o	1	1	58	50	o	odf	fd.o.	0·0
Stornoway	1014·1	59	NE	6	bq	1012·2	-1	55	-1	E	4	-	bc	4	-	65	50	b	bq	bbcq	13·5
Castlebay (Barra Isd.)	1011·9	64	SW	2	b	1010·7	0	61	-2	SSW	1	-	bcm	1	?	72	57	c.bcm	bcm	bcm	9·2
Glasgow	1014·8	54	NE	4	om	1012·1	-2	52	+1	NE	3	-	omg	*	-	56	50	omg	om	om	0·0
Eskdalemuir	1014·5	55	NE	3	om	1011·7	-1	53	+1	NE	3	-	om	*	-	57	51	om	om	m	0·0
Malin Head	1010·5	59	SE	3	bm	1009·5	-1	57	-1	ESE	2	SE	cm	2	-	62	53	cm	cm	cm	0·0
Blacksod Point	1008·6	62	WNW	2	og	1008·0	-2	57	-3	WNW	1	-	ofe	2	2	68	56	omg	og	og.ofe	*
Valencia (Cahirciveen)	1009·4	63	NW	2	c	1008·6	-1	58	-1	NW	3	-	o	3	-	63	47	o.c.	c.bc	c.o.	5·1
Roche's Point	1009·8	61	SSW	2	o	1007·0	*	59	-1	NW	2	-	o	2	0·3	63	57	f.om	om.o	op.o	*
Birr Castle	1009·9	63	SE	1	r	1007·6	*	60	-2	SE	1	-	r	*	8	68	60	c.o.	or	or	1·2
Donaghadee	1011·5	58	NNW	2	of	1010·0	+1	55	-3	NNE	2	-	of	2	-	60	54	of	o	of	*
Liverpool (Bidston)	1010·9	72	SE	1	o	1008·2	-1	59	-3	E	3	NE	c	2	3	77	58	cm	cm.o.	p.o.c	3·4
Holyhead	1011·2	63	-	0	opg	1007·2	-1	60	-3	ENE	4	-	omg	3	9	71	60	cg	c.pg	optlr	0·1
Pembroke (St. Ann's)	1010·8	62	E	2	o	1005·0	-3	60	-1	ESE	2	-	or	3	27	?66	58	c.op.	c.op.op.	op.or	0·3
Hartland Quay	1010·6	63	ESE	2	odpm	1004·6	-3	60	-4	S	2	-	odpm	3	15	68	60	owmdm	oudpm	rmdpm	*
Scilly (St. Mary's)	1010·0	63	S	1	c	1006·6	-3	58	-2	SW	1	W	c	2	-	68	56	om.c.	o.c.	c	0·9
Falmouth	1010·2	61	SE	3	od	1005·5	-1	60	0	SE	1	-	omg	*	8	63	57	ord.	oe.od.	o.cr	0·0
Jersey (St. Aubin)	1010·2	66	WSW	3	og	1006·6	*	60	-4	SW	3	-	og	2	19	70	59	poc.og.	ogp.og.	gtlrg	0·3
Portland Bill	1010·4	63	ENE	3	o	1005·6	-1	60	-1	WSW	3	-	or	2	10	65	59	c.op.	op.	or	*
Dungeness	1011·5	63	NE	4	bc	1006·2	-3	61	0	E	3	SE	c	3	-	68	60	b	bc	c.bc.c.	*
Wick	1016·1	54	ENE	2	o	1013·3	0	52	-1	ENE	2	-	o	2	1	55	51	og	og	omdp	*
Nairn	1015·0	57	E	4	bcq	1011·7	*	51	+1	-	0	-	om	1	-	59	41	c.bcq.	qbc.	cgm	10·7
Aberdeen	1016·0	57	ESE	1	b	1013·7	-1	53	+1	S	1	-	om	2	-	60	52	o.c.b	by	b.bc.c.o.	7·8
Leith	1014·7	55	E	3	o	1011·9	-1	54	+1	E	2	-	dm	3	Trace	55	53	om.o.	om.o.	om.or	*
Tynemouth	1014·9	57	ESE	2	om	1012·0	-1	57	+1	ESE	2	-	bm	2	-	61	55	omg	omg	cm	*
Spurn Head	1014·3	60	SE	4	bcq	1011·7	-1	58	-2	ESE	4	-	o	4	-	62	56	bcm	bcq	bc.o.	9·4
Yarmouth (Gorleston)	1014·5	61	SE	3	bc	1009·4	-2	61	+1	ESE	4	-	bc.	4	-	64	59	bc	bc	b.bc	11·7
Clacton-on-Sea	1013·5	64	E	3	bc	1008·1	-3	63	+1	E	4	-	c	+	-	66	61	bcz	bcz	bcb.	11·2
Nottingham	1012·2	73	E	2	c	1009·6	*	56	0	ENE	3	NE	c	*	-	79	54	c.bc	bz.c.	c.c.c	9·0
Benson (Oxon.)	1011·6	72	-	0	o	1005·8	-1	60	-3	-	0	-	o	*	1	76	59	bz	oz	ro.	*
Sth Farnborough	1011·5	70	SE	2	orm	1006·6	-1	60	-1	E	3	E	orm	*	1	78	59	oz.bc.ozy	oz.orz	oro.orm	7·7
Salisbury Plain	1010·7	63	E	1	o	1005·9	-1	58	-3	E	1	SE	or	*	3	71	58	c.o.	o.c.op	or	0·6
London (Kew Obsy.)	1011·9	70	E	2	bcz	1006·3	-3	62	+2	E	3	-	om	*	-	78	60	bm.bcz.	bcz.cz.bcz.	bcz.ozom	0·5
NORTHERN EUROPE																					
Spitsbergen	1017·8	45	WNW	4	b	1014·0	-3	43	0	SE	6	*	b	*	*	50	37				
Vardö	1024·7	46	N	4	o	1023·1	0	46	+1	N	2	-	o	2	*	50	43				
Bodö	1019·1	57	-	0	b	1019·6	0	61	+2	E	2	-	b	2	-	59	48				
Christiansund	1017·0	57	-	0	b	1015·2	-1	55	+1	NE	1	-	f	2	-	61	52				
Skudesnaes	1015·5	61	-	0	b	1014·8	0	59	0	-	0	-	c	0	-	64	52				
Færder (X'tiania Fjord)	1013·9	68	WNW	2	b	1014·7	+1	64	0	E	2	-	bc	1	-	70	63				
The Scaw (Skagen)	1013·8	66	NW	2	b	1012·9	+1	63	-3	NW	1	-	c	1	-	68	54				
Blaavands Huk	1014·8	61	NNW	2	b	1015·1	0	54	-5	NE	1	-	f	*	-	63	48				
Copenhagen	1013·1	68	N	3	b	1014·0	+1	63	0	NE	2	-	b	*	-	70	59				
Bornholm	1013·1	61	SE	3	b	1013·9	+1	63	+2	NE	2	-	b	0	-	66	59				
FRANCE, &c.																					
The Helder	1015·8	61	NE	2	b	1013·0	-2	59	+2	E	2	W	b	1	-	63	55				
C. Gris Nez	1012·0	66	E	3	bc	1006·8	-3	61	-5	ESE	1	*	o	2	-	79	59				
La Hève	1010·0	75	NE	2	o	1007·5	*	62	-4	WSW	4	*	r		6	81	59				
Brest (St. Mathieu)	1011·1	63	S	3	c	1009·4	-1	59	-2	SW	1	*	c		19	64	57				
Rochefort (Ile d'Aix)	1016·4	68	W	+	r							*		*							
Biarritz	1011·4	66	SW	3	tlr	1013·6	+1	64	-6	SW	4	*	b		18	73	59				
Paris	1010·6	77	E	2	c	1008·2	+1	63	-3	S	2		r	*	4	82	63				
Belfort						1011·9	*	59	+2	-	0	*	m	*	-	81	55				
Lyons	1009·4	82	-	0	bc	1011·8	*	61	-2	-	0	*	r	*	3	90	61				
Nice	1014·3	68	-	0	bc	1013·8	0	70	+2	-	0	*	bc		-	79	61				
Perpignan	1010·7	73	E	2	o	1011·9	+3	66	-4	NW	2		r	*	2	84	66				
Sanguinaire						1013·9	*	73	0	E	2	*	m		-	86	57				
IBERIA, &c.																					
Corunna	1015·2	66	W	4	b	1017·0	+2	63	-5	WSW	3	-	c	2	14	70	57				
Madrid														*							
Lisbon	1017·6	72	NW	4	o	1019·8	+2	64	-4	N	2	-	b	5	-	75	61				
Azores (Horta)	1027·4	*	NE	4	b	1029·0	+1	63	0	-	0	*	b	1	-	70	63				
,, (P. Delgada)	1026·3	*	NE	3	b	1028·2	+1	63	-1	N	2	*	b	1	-	72	64				
Madeira	1021·8	73	NE	2	bc	1023·5	-1	68	0	NE	3	-	o	3	-	73	66				
Gibraltar	1016·2	72	W	5	b	1016·2	*	68	-3	W	4	*	b	2	-	86	67				
Palma																					
MEDITERRANEAN																					
Algiers	1012·4	77	NNE	1	b	1013·2	+1	77	+5	WSW	2	-	b	1	-	86	68				
Malta	*	*	*	*	*	1016·3	+2	77	-2	WNW	1	-	c	0	-	81	72				
Salonica	1013·3	78	SW	1	b	1015·9	+3	74	0	SSE	2	-	b	*	-	88	65				
Athens																					
Candia																					
Limassol	*	*	*	*	*	1007·8	+1	81	-1	-	0	-	b	0	-	93	72				
Alexandria	1011·8	79	NW	3	b	1012·0	+1	81	+2	N	2	-	b	1	-	88	75				
Cairo (Helwan)	1011·8	86	N	3	b	1011·4	+2	79	+4	N	2	-	b	*	-	97	70				
Jerusalem	*	73	NW	3	b	*	*	70	0	WNW	1	-	b	*	-	84	61				
Ramleh	1010·3	81	W	1	b	1010·6	+2	82	0	-	0	-	b	*	-	90	72				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity: Statute miles per hour.	Limits of Velocity: Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

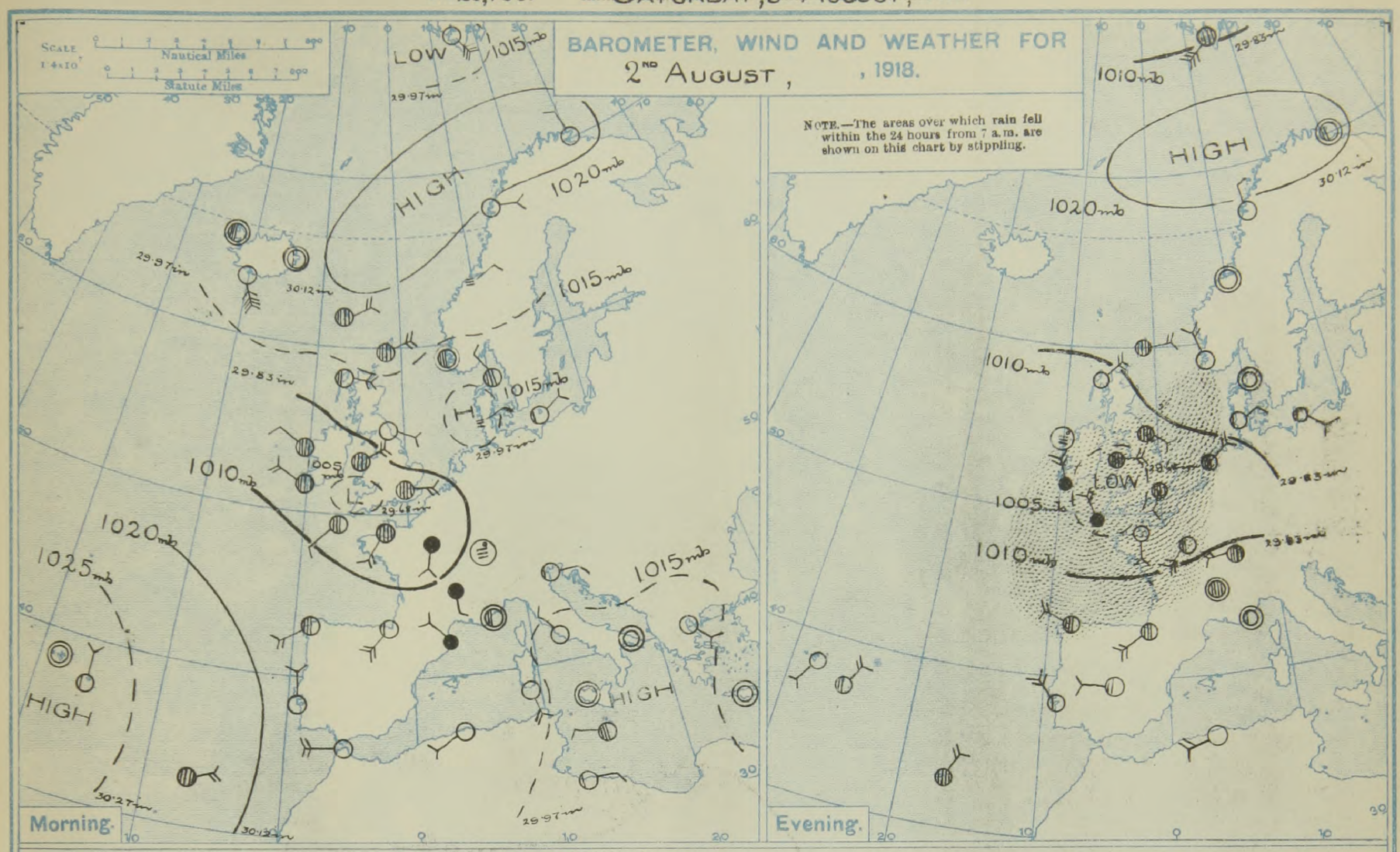
BEAUFORT NOTATION.

- b blue sky (not more than a quarter covered).
- bc sky partly cloudy (one half covered).
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling.
- f fog. g gloom.
- h hail. l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, i.e., rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility.
- w dew.
- x hoar frost.
- y dry air: humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. + Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,708. SATURDAY, 3RD AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 2ND AUGUST

	STATIONS.	Evening of 1st: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 2nd: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice						1012·5	*	77	?	E	1	b	–	81	?
	Turin	1013·4	73	–	0	b	1013·2	*	68	?	–	0	r	–	84	66
	Pesaro	1013·7	73	–	0	b	1013·9	*	81	+2	–	0	b	–	81	64
	Leghorn ..						1014·9	*	73	+1	–	0	0	–	79	68
	Rome	1016·1	73	SW	1	b	1016·7	*	73	+1	NW	1	b	–	86	63
	Viesti	1014·6	81	–	0	b	1015·1	*	77	+2	–	0	b	–	82	68
	Brindisi	1015·4	79	NW	1	b	10158	*	77	+9	–	0	b	–	?81	68
	Cagliari						1014·7	*	73	+3	SE	3	b	–	88	70
	Palermo	1015·4	75	E	1	b	1016·2	*	77	0	–	0	b	–	84	63
	Tripoli						1017·0	*	79	0	E	1	b	–	?	?

Morning of 2nd

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.
Isafjord ...	1018·2	54	-10	–	0	c
Reykjavik	1043	55	-6	E	3	c
Vestmanna	10167	50	-2	SE	8	c
Seydisfjord	1017·0	54	+4	–	0	b
Thorshavn	1019·9	51	-3	ENE	3	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

3RD AND 4TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·17	11·59	7·41
	4·19	11·59	7·39
Greenwich	4·28	12·6	7·44
	4·30	12·6	7·42
Wick	4·9	12·18	8·27
	4·12	12·18	8·24
Valencia	5·7	12·47	8·28
	5·9	12·47	8·26

LONDON 3RD AUGUST 9h. G.M.T.	Humidity 15 h. 2ND %	Humidity 9 h. 3RD %	Sunshine for 2ND Hours.	24 Hours ended 9 h. 3RD: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	86	97	0·1	66	52	45	8·0	o	r·o	om.
CITY (Bunhill Row)	*	*	0·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	93	89	0·0	65	55	53	12·0	*	*	*
" (Roof near Charing Cross)	90	99	0·0	65	57	*	11·6	om	rmo.	*
CAMDEN SQ. (British Rainfall)	88	100	0·0	?	54	52	12·0	or	o	*
KENSINGTON PALACE	89	91	0·0	67	60	49	10·5	o.	r. o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 2ND

Total.	Average Rate.	Max. Rate.
? Joules. 370	? Milliwatts. 6·7	Milliwatts. 34

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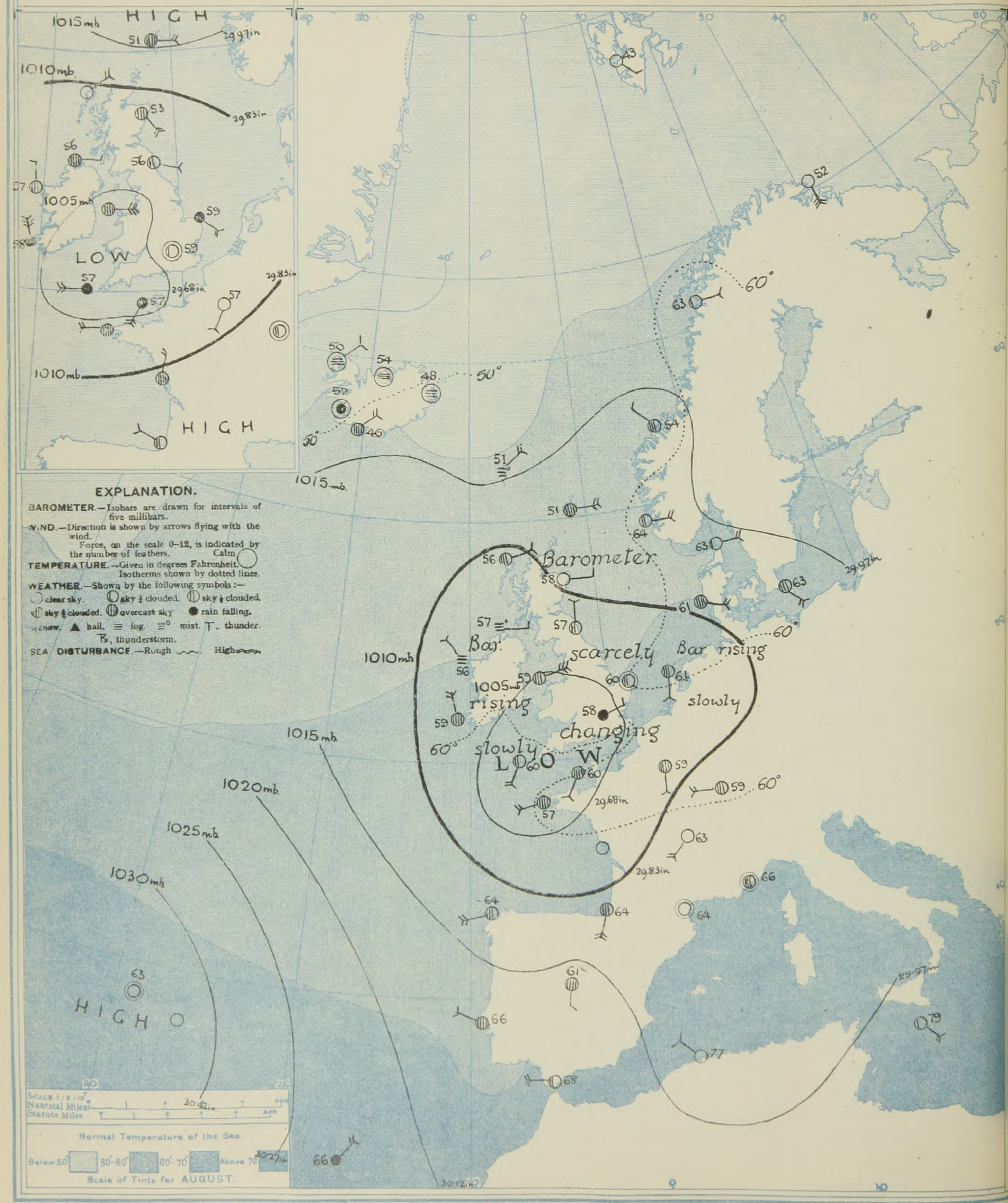
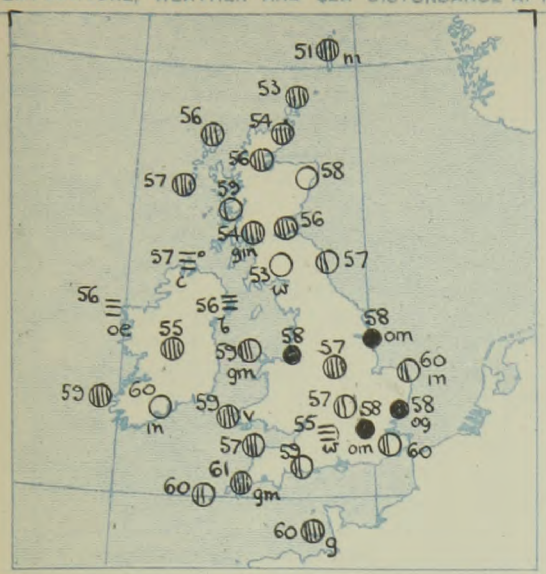
‡ The barometric change is expressed in half-millibars.

3RD AUGUST at 1h. G.M.T.

THE MORNING OF SATURDAY, 3RD AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended at 7h today.

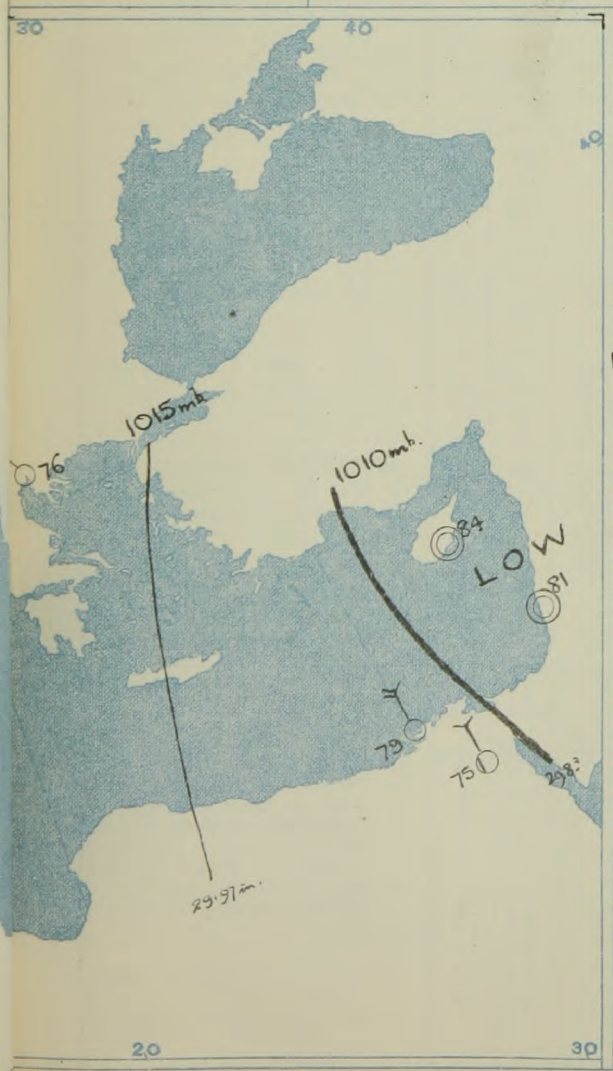
Rain fell very generally in Ireland, England, and the nearer regions of the Continent - heavy in several places. At Roches' Point the value was 24mm., Scilly 42mm., Falmouth 22mm., and Yarmouth 25mm. Except in the Hebrides at Eskdalemuir and Jersey there was little or no bright sunshine. Temperature touched 71° at Liverpool, but generally it was low for the time of the year.

The Conditions at 7h today.

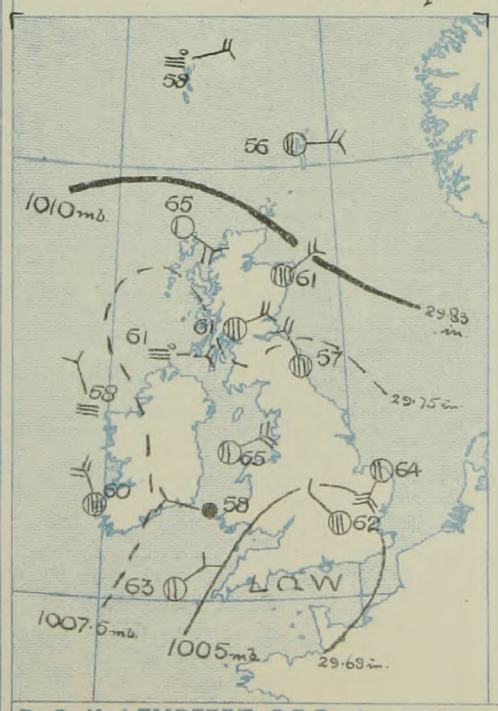
The depression in the SW has become rather deeper, and extended its area. It now covers the whole of the southern and western parts of England and has its chief minimum over the mouth of the Channel. Pressure is highest in a large anticyclone over the Azores region, and is still relatively high in Scandinavia. Rain is falling in various parts of England and the sky is mostly cloudy to overcast. Mist or fog prevails in northern Ireland and mist locally elsewhere. Temperature has changed irregularly.

The Outlook

There are no indications of any important change in the pressure distribution, so that the unsettled weather conditions are likely to continue



Saturday. 3rd AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The depression has become a little shallower since 7h, but no other change has occurred.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 215. (SATURDAY, 3RD AUGUST.)

	STATIONS.	Evening of 2nd: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 3rd: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h 3rd: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 2nd
			°F.						°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1014.2	53	E	3	om	1013.9	0	51	-1	E	4	-	om	3	-	56	49	om	om	om	*
	Deerness (Orkney)	1011.8	54	ESE	3	o	1010.8	*	53	0	ESE	4	-	o	3	-	56	52	o	o	o	0.0
	Stornoway ...	1008.2	60	NE	4	b	1008.0	0	56	+1	ENE	2	-	c	2	-	62	48	b	b.	bc.c.	14.1
	Castlebay (Barra Fd.)	1008.1	62	WNW	3	b	1007.3	0	57	-4	W	1	-	o	1	-	56	54	bc.om	om.b.	b.o.b.o.	11.2
	Glasgow ...	1008.5	60	NE	4	bcm	1008.8	0	54	+2	ENE	2	-	omg	*	-	61	52	omg.oz	o.cm.	bc.omg	0.5
	Eskdalemuir ...	1007.6	63	E	2	bz	1008.1	0	53	0	NNE	3	-	bw	*	-	68	47	om.bczy	byz.	bcy.ow	8.0
	Malin Head ...	1007.1	60	E	2	cm	1007.0	0	57	0	E	1	E	cm	1	-	61	56	cm	cm	cm	2.2
	Blacksod Point	1006.8	61	-	0	cm	1008.0	+1	56	-1	NW	2	-	ofe	2	+	61	54	ofr	ofe	cm.oma	*
	Valencia (Cahirciveen)	1006.6	58	NNW	4	od	1008.2	+3	59	+1	NNW	3	-	o	3	1	62	57	o	o.c.od.	rd.o.	0.0
	Roche's Point	1004.0	59	NW	2	rm	1005.3	*	60	+1	N	2	-	bm	2	24	61	58	or	rm	rom.b.	*
	Birr Castle ...	1004.6	63	SE	1	r	1006.6	*	55	-5	N	1	-	o	*	5	64	52	or	odf	fo	0.0
	Donaghadee ...	1007.0	58	NNE	2	of	1007.6	+2	56	+1	NNE	1	-	bf	2	-	61	53	of.bf.f.	bf.f	ofc.c.	*
	Liverpool (Bidston)	1004.9	66	E	4	o	1004.6	0	58	-1	NE	3	-	r	3	3	71	57	om	c.o.	or	2.6
	Holyhead ...	1004.8	64	E	5	omg	1004.3	0	59	-1	ENE	5	-	cmg	4	Trace	67	57	ofr.cmg	c.omg.	o.cmg	1.6
	Pembroke (St. Ann's)	1003.7	60	E	3	c	1003.6	+2	59	-1	ESE	2	-	ov	2	4	61	56	or.	or.ofr.	c.bc.c.o	0.0
	Hartland Quay	1002.7	64	ENE	2	ou	1003.2	0	57	-3	E	2	NE	c	2	13	64	52	d.fm.rm	dm.r.ou.	c.bf.c	*
	Scilly (St. Mary's)	1004.6	58	NW	3	r	1001.3	+2	60	+2	E	8	E	bc	4	42	63	55	ofr	orm	omr.bc	0.0
	Falmouth ...	1002.5	61	S	2	bcgh	1002.4	+2	61	+1	SE	2	-	omg	*	22	64	56	og	r.bcgt	omr.or.	1.8
	Jersey (St. Aubin)	1005.6	64	S	2	b	1004.6	*	60	0	SW	2	-	og	1	0.2	67	57	og.b.	b	bog.dg	8.8
	Portland Bill ...	1004.6	60	SSW	2	bc	1003.0	-1	59	-1	NNE	2	-	bc	3	2	61	57	orm	bc	b.bc	*
	Dungeness ...	1005.9	60	SW	2	o	1004.9	0	60	-1	SW	3	SW	bc	3	9	68	58	cqr	orq	c.or.o.c.	*
	Wick ...	1011.9	53	SE	3	o	1010.1	+1	54	+2	ESE	3	-	o	3	-	54	?52	og	og	omg	*
	Nairn ...	1009.3	58	ENE	1	cg	1008.4	*	56	+5	-	0	-	cg	0	-	59	50	c2.	c.bc.c.	cw	0.0
	Aberdeen ...	1010.8	56	ESE	2	om	1010.1	0	58	+5	E	1	-	b	2	-	58	51	om.o.	om	om.b.	0.0
	Leith ...	1008.5	58	E	2	o	1008.4	0	56	+2	E	1	-	o	2	0.1	60	53	dm.o.c.	o	om.o.	*
	Tynemouth ...	1009.3	59	ESE	2	om	1007.0	0	57	0	N	2	-	bcm	2	-	64	55	bm	om	bcm	*
	Spurn Head ...	1007.3	59	E	4	cm	1005.4	-1	58	0	NNE	3	-	orm	4	1	62	56	cm	cm	orm	3.7
	Yarmouth (Gorleston)	1007.2	62	SSE	2	omr	1005.6	0	60	-1	-	0	-	bcm	2	23	65	58	bc.c	c.omr	omr.c	4.6
	Clacton-on-Sea	1005.9	62	ESE	3	og	1005.2	0	58	-5	W	1	W	ogr	1	10	64	56	c.oyd.	ogrd.	ogr	0.0
	Nottingham ...	1005.5	60	ENE	3	r	1004.7	*	57	+1	ENE	2	NE	o	*	7	69	57	c.o.	or	ro.	2.1
	Benson (Oxon.) ...	1004.2	62	S.	1	o	1004.0	+2	57	-3	-	0	-	bc	*	6	64	54	omr	ro.	bc.	*
	Sth Farnborough	1004.8	63	S	2	o	1004.6	0	57	-3	NE	2	-	ore	*	10	64	52	orm	orm.o.	o.or.om	0.0
	Salisbury Plain	1004.0	63	SSE	1	o	1004.3	+1	55	-3	E	1	o	fw	*	10	63	52	or.	or.o	c.bf	*
	London (Kew Obsy.)	1004.8	64	SSW	1	o	1004.7	+1	58	-4	ENE	1	-	orm	*	11	65	54	om.md.	orm.o	oc.orm	0.0
NORTHERN EUROPE.	Spitsbergen ...	1009.4	43	WSW	6	o	1015.4	+3	43	0	SE	1	*	b	*	*	45	41				
	Vardö ...	1022.8	46	-	0	bc	1019.2	-2	52	+6	S	5	-	b	3	*	48	43				
	Bodö ...	1018.7	63	N	1	b	1019.0	0	63	+2	E	2	-	b	1	-	64	50				
	Christiansund ...	1013.5	63	-	0	b	1014.0	+1	54	-1	NW	1	-	c	2	-	70	50				
	Skudesnaes ...	1013.6	63	NNW	3	b	1012.6	-3	64	+5	E	3	-	bc	1	10	66	55				
	Færder (X'iania Fjord)	1014.8	68	-	0	c	1016.4	+2	63	-1	SE	2	NE	c	1	-	70	61				
	The Scaw (Skagen)	1013.9	66	-	0	b	1014.0	0	63	0	E	3	-	b	3	-	70	57				
	Blaavands Huk	1012.4	68	NE	1	b	1010.7	-2	61	+7	ESE	3	-	o	*	-	68	52				
	Copenhagen ...	1013.9	66	WSW	3	bc	1013.8	0	63	0	SE	4	-	c	*	-	72	59				
	Bornholm ...	1014.6	61	SE	2	b	1014.3	-1	63	0	SE	3	SW	c	0	-	63	52				
FRANCE, &c.	The Helder ...	1006.4	66	NE	3	c	1005.5	+1	61	+2	S	2	-	c	1	11	70	59				
	C. Gris Nez ...	1006.6	61	-	0	o	1005.8	0	60	-1	SW	3	*	bc	3	1	79	57				
	La Hève ...	1008.6	66	W	1	c	1006.3	*	55	-7	SW	5	*	r		10	73	55				
	Brest (St. Mathieu)	1006.3	59	WSW	4	o	1004.4	-1	57	-2	WSW	3	*	o		5	63	57				
	Rochefort (Ile d'Aix)	1010.2	64	W	6	c	.						*		*							
	Biarritz ...	1014.3	68	WSW	4	c	1010.3	+2	64	0	SSW	4	*	c		-	72	59				
	Paris ...						1009.0	0	59	-4	S	2		o	*	3	72	54				
	Belfort ...	1011.5	63	W	3	d	1013.9	*	59	0	W	3	*	c	*	3	73	54				
	Lyons ...	1012.3	63	-	0	o	1012.2	*	63	+2	SW	3	*	b	*	17	66	55				
	Nice ...	1012.6	68	-	0	b	1013.1	+1	66	-4	-	0	*	c		-	82	63				
	Perpignan ...	1013.0	68	-	0	o	1013.0	0	64	-2	-	0		b	*	9	75	54				
	Sanguinaire ...							*					*									
IBERIA, &c.	Corunna ...	1016.6	68	WNW	3	c	1014.7	+3	64	+1	WSW	4	-	c	2	4	68	63				
	Madrid ...	1012.6	72	W	2	bc	1015.5	+1	61	?	S	1	S	o	*	-	75	55				
	Lisbon ...	1019.2	70	NNW	4	b	1018.2	0	66	+2	WNW	2	-	o	5	-	73	64				
	Azores (Horta) ...	1029.2	*	SSW	3	b	1033.4	+1	63	0	-	0	*	b	0	-	75	63				
	,, (P. Delgada)	1028.3	*	NE	3	bc	1028.0	0	66	+3	?	1	*	b	1	-	75	63				
	Madeira ...	1023.0	72	NE	3	o	1022.4	-1	66	-2	NE	3	-	r	3	-	73	66				
	Gibraltar ...	1016.2	71	NWb	5	b	1015.6	*	68	0	W	4	*	bc	2	-	86	66				
	Palma ...																					
MEDITERRANEAN.	Algiers ...	1012.0	7	WSW	3	b	1013.4	0	77	0	NW	2	-	b	1	-	88	70				
	Malta ...	*	*	*	*	*	1016.2	+1	79	+2	SE	3	-	b	1	-	84	73				
	Salonica ...	1014.1	78	S	3	b	1016.4	+2	76	+2	NW	2	-	b	*	-	90	66				
	Athens ...																					
	Candia ...																					
	Limassol ...	*	*	*	*	*	1007.5	+3	84	+3	-	0	-	b	0	-	91	66				
	Alexandria ...	1010.8	79	NNE	4	b	1010.2	0	79	-2	N	3	-	b	2	-	88	75				
	Cairo (Helwan) ...	1009.6	86	N	3	b	1010.6	+1	75	-4	N	2	N	b	*	-	99	70				
	Jerusalem ...	?	75	WNW	3	b	?	+1	75	+5	-	0	-	b	*	-	88	63				
	Ramleh ...	1009.1	81	NW	1	b	1009.2	+3	81	-1	-	0	-	b	*	-	91	68				

* Information for these columns not usually received. + Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

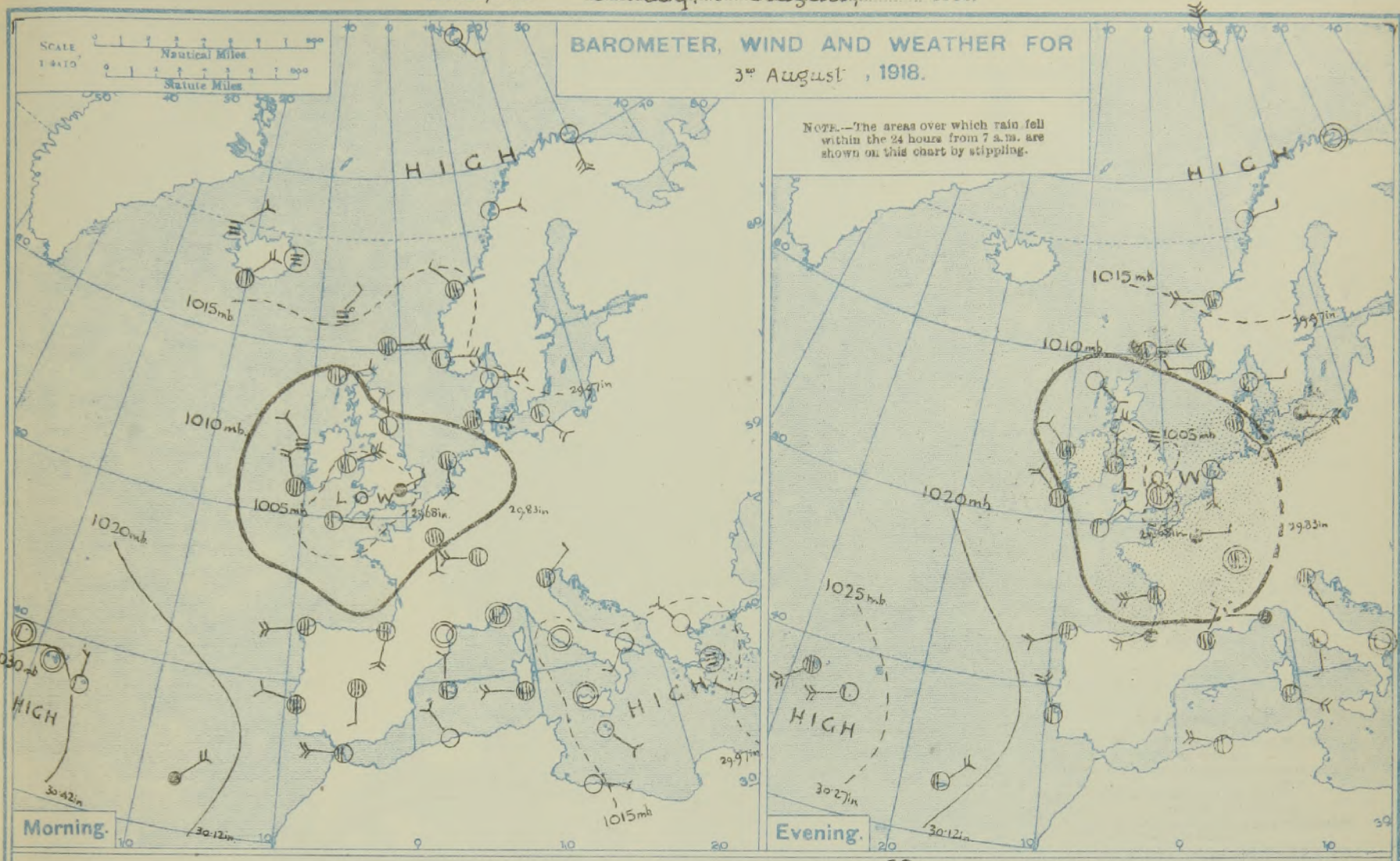
No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,709 Sunday, 4th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 3RD AUGUST

	STATIONS.	Evening of 2ND: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 3RD: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice	1012·3	77	SSE	1	b	1011·8	*	77	0	NE	1	0	-	82	72
	Turin	1011·4	70	-	0	r	1010·3	*	68	0	-	0	bc	9	73	63
	Pesaro						1012·9	*	75	-6	-	0	c	-	89	68
	Leghorn ...	1013·4	15	-	0	bc	1012·6	*	70	-3	-	0	0	trace	81	68
	Rome	1015·3	?	SW	1	b	1016·9	*	73	0	-	0	?	-	84	61
	Viesti	1013·9	81	SE	1	b	1014·2	*	77	0	SE	1	b	1	?	70
	Brindisi	1015·7	82	ESE	1	b	1015·7	*	73	-4	SW	1	b	-	84	73
	Cagliari						1012·1	*	75	+2	W	3	0	-	81	?
	Palermo						1015·1	*	77	0	-	0	b	-	88	64
	Tripoli						1014·6	*	86	+7	ESE	1	b	-	99	75

Morning of 3RD

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1016·8	50	-4	NE	2	S
Reykjavik	1016·2	52	-3	-	0	r
Vestmanna	1016·3	46	-4	NE	3	0
Seydisfjord	1017·2	48	-6	-	0	S
Thorshavn	1015·1	51	-3	NE	3	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

4TH AND 5TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset G.M.T.
Yarmouth	4·19 4·21	11·59 11·59	7·39 7·37
Greenwich	4·30 4·32	12·6 12·6	7·4[illegible] 7·40
Wick	4·12 4·14	12·18 12·18	8·24 8·22
Valencia	5·9 5·11	12·47 12·47	8·26 8·24

LONDON 4TH AUGUST 9h. G.M.T.

	Humidity 15 h. 3RD %	Humidity 9 h. 4TH %	Sunshine for 3RD Hours.	24 Hours ended 9 h. 4TH: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	76	77	1·4	68	54	43	0·8	or	o or.	o. c. bc.
CITY (Bunhill Row)	*	*	0·5	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	89	83	0·5	65	54	50	4·9	*	*	*
" (Roof near Charing Cross) ..	85	78	0·4	66	57	*	5·6	rm	cmg	*
CAMDEN SQ. (British Rainfall)	82	73	0·8	70	53	50	8·6	o	bc	*
KENSINGTON PALACE	82	78	0·2	65	54	45	5·5	or.	o	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 3RD

Total. joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
490	8·9	26·5

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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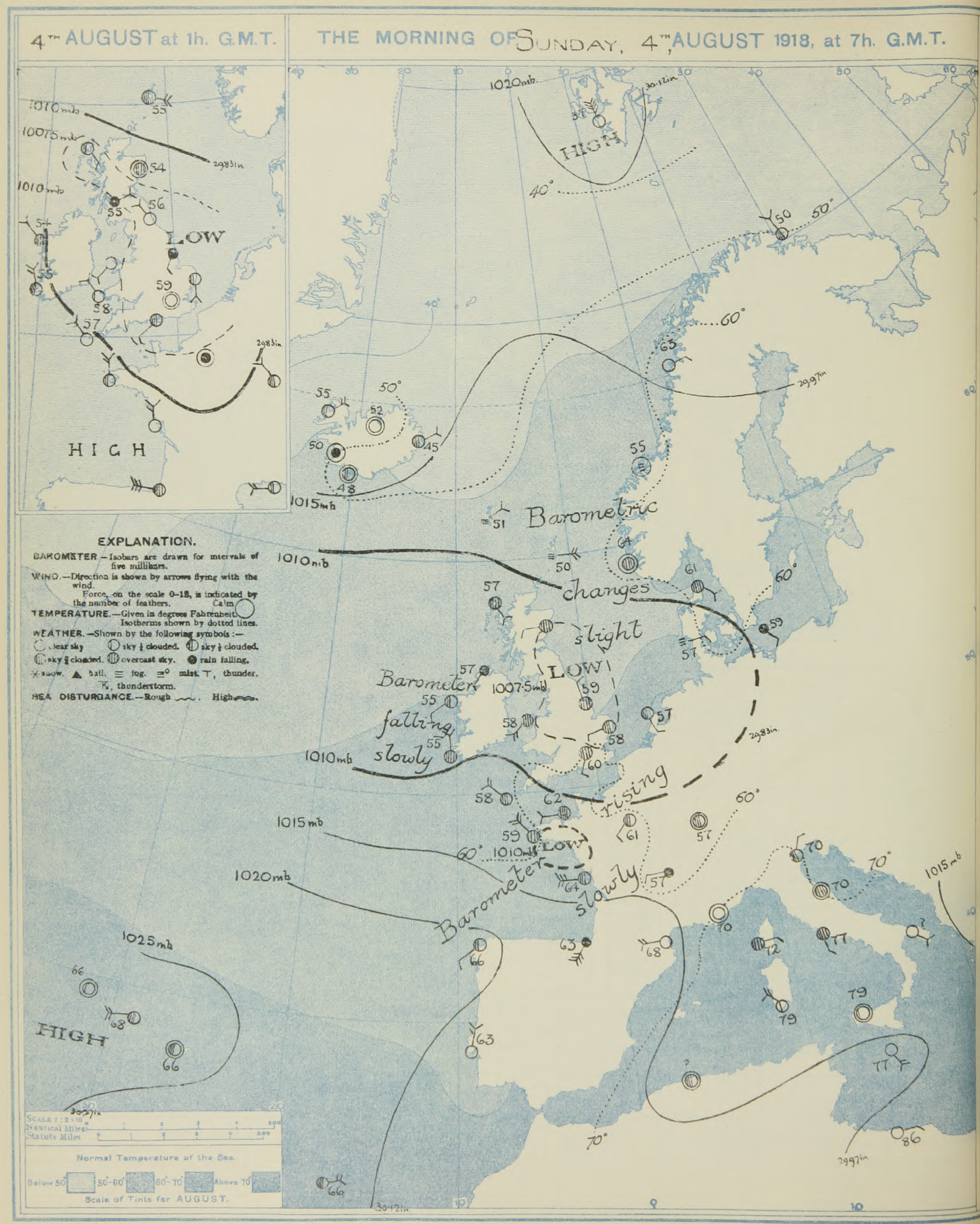
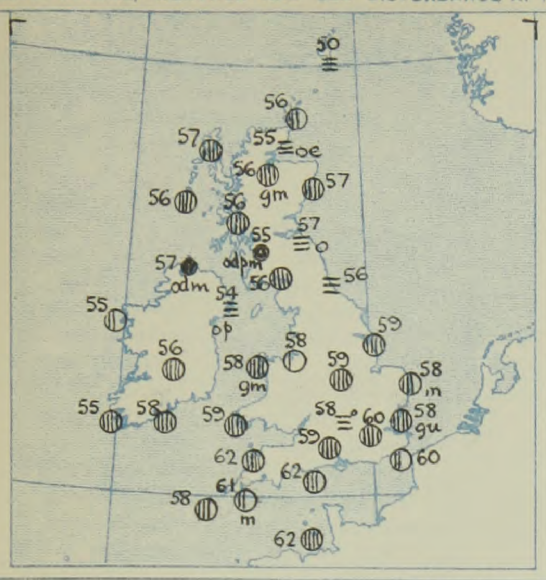

4TH AUGUST at 1h. G.M.T.
THE MORNING OF SUNDAY, 4TH AUGUST 1918, at 7h. G.M.T.
1010mb
1007.5mb
29.83in.
LOW
HIGH
1020mb.
30.12in.
HIGH
40°
50°
60°
29.97in
1015mb
Barometric changes slight
1010mb
LOW
1007.5mb
Barometer falling slowly
1010mb
Barometer rising slowly
1015mb
1020mb
1025mb
HIGH
70°
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
Clear sky. sky ¼ clouded. sky ½ clouded. sky ¾ clouded. overcast sky. rain falling.
snow. hail. fog. mist. T, thunder. Ts, thunderstorm.
SEA DISTURBANCE.—Rough. High.
SCALE 1:2×10⁶
Nautical Miles
Statute Miles
Normal Temperature of the Sea.
Below 50° 50°-60° 60°-70° Above 70°
Scale of Tints for AUGUST.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hrs ended 7h. Today

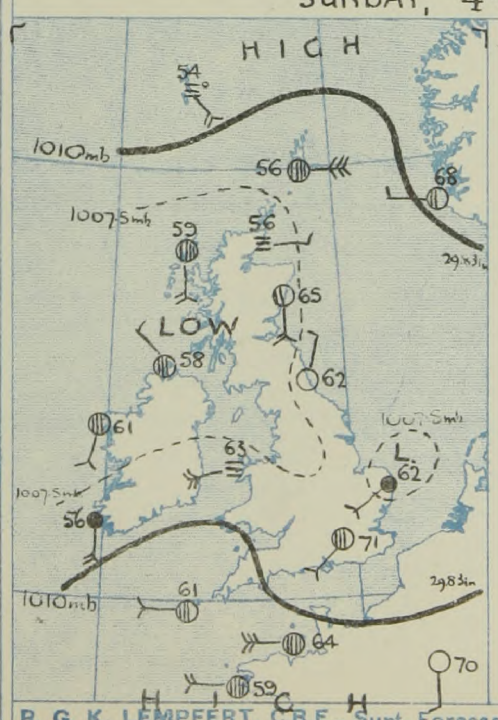
The afternoon temperature rose to between 65° and 69° in most localities, but at a few coast stations the maxima were 57° or 58°. Many of the night minima were from 55° to 57°. Moderate rain fell in eastern England, very little elsewhere. Coast fog was experienced locally. Bright sunshine varied greatly, from none at Nottingham to 12½ hours at Scilly.

The Conditions at 7h.

There is no modification of any importance in the general distribution of pressure over the area under observation. A shallow depression covers our immediate neighbourhood, with the barometer at its lowest over the northern half of England. A small secondary Low is centred over Brittany. To northward and southward lie extensive anticyclonic systems, one occupying the Arctic region, between Greenland and Nova Zembla, and the other the lower Atlantic, from Spain westward beyond the Azores. Excepting on the Bay of Biscay the pressure gradient is slight, so that the prevailing E. breeze over the northern regions, and the W. current in the south are light in force generally, but on the west coast of France a fresh to strong W. to SW. wind is reported. The situation is one which is of a well recognised unsettled type within the belt of lowest pressure, where the weather continues cloudy to dull, with occasional rain in many places, and local mist or fog. At our home stations the morning temperature is nearly everywhere between 55° and 62°.

The 13h. map which appears below shows that the same general features were maintained during the day, the central space of the depression expanding and embracing the whole of the northern half of the United Kingdom.

SUNDAY, 4TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 216 {SUNDAY 4TH AUGUST

Region	Stations	Evening of 3rd: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0–12.	Evening: Weather.	Morning of 4th: Barometer Millibars at M.S.L.	Morning: Barometer Change in 3 hours ‡	Morning: Temp. Dry Bulb °F.	Morning: Temp. Change in 24 hours °F.	Morning: Wind Direc.	Morning: Wind Force 0–12.	Direc. of Upper Cloud.	Morning: Weather.	Sea 0–9	24 hours ended 7 h 4th: Rainfall Millimetres	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 3rd Hours.
BRITISH ISLANDS.	Lerwick	1012·0	54	E	4	bcm.	1011·1	-3	50	-1	E	4	-	f	3	0·4	57	50	bc	bc	fp	*
	Deerness (Orkney)	1009·5	55	E	3	m	1008·1	*	56	+3	ENE	3	SE	c	2	-	58	52	o·c	c·o	of·c	1·0
	Stornoway	1006·8	64	SE	2	b.	1006·9	0	57	+1	SE	2	-	o	1	-	67	55	c·b.	b	bc oz	10·0
	Castlebay (Barra Isd.)	1006·7	58	WSW	2	o	1007·0	0	56	-1	ESE	1	-	o	1	-	61	56	om.	om.c-o	o	1·6
	Glasgow	1007·5	62	ENE	2	bz.	1008·1	0	55	+1	-	0	-	odm	*	0·2	65	53	om cz.	bc bz	bcodp	6·6
	Eskdalemuir	1006·7	59	NE	3	b.	1007·8	0	56	+3	-	0	-	o	*	-	66	52	b.bc.by	by.bc.b	b.bc.o	11·8
	Malin Head	1006·9	60	E	1	cm.	1007·2	0	57	0	SW	1	-	omd	1	1	62	56	cm.	cm	omd	2·4
	Blacksod Point	1009·0	57	NW	2	om.	1008·1	-1	55	-1	WSW	1	-	bc	2	3	58	52	ofe.	ofe.	omd.cd	*
	Valencia (Cahirciveen)	1010·5	58	NW	3	o	1009·7	-1	55	-4	NNE	2	-	o	3	0·1	62	50	o	o	c.bc.co	0·2
	Roche's Point	1008·5	63	NNW	3	oz	1010·1	*	58	-2	W	1	-	oz	1	-	67	57	bz.oz	oz	oz.o	*
	Birr Castle	1006·6	67	NW	1	m	1008·6	*	56	+1	W	1	-	o	*	1	69	54	o·cz	z.	zop	4·2
	Donaghadee	1006·9	63	NNE	2	bf	1007·9	0	54	-2	NNE	1	-	ofp	0	2	64	54	bf bcf.	bf.	bcfl	*
	Liverpool (Bidston)	1005·7	61	-	0	c	1007·3	+1	58	0	W	2	NW	b	1	1	62	57	opm.	opm	o·bc	0·3
	Holyhead	1006·2	60	N	2	cg	1008·0	+1	58	-1	SW	3	-	omg	1	trace	66	52	cm omc	bc.c	blw	3·5
	Pembroke (St. Ann's)	1006·8	61	NNW	3	bcz.	1009·3	+3	59	0	WSW	2	-	o	2	trace	64	55	ovc.cp	op.c.bc	bz.bcc	4·7
	Hartland Quay	1006·8	62	NNW	3	b	1009·9	+2	62	+5	WSW	2	-	om	3	-	64	56	c.bc.c	c.bv.b	bmf cm	*
	Scilly (St. Mary's)	1007·4	62	NE	2	bc	1011·7	+1	58	-2	NW	3	NW	c	3	-	66	57	bc	bc	c	12·5
	Falmouth	1006·4	65	NW	4	bz.	1011·2	+3	61	0	WNW	3	NW	bcm	*	-	66	56	og.bc.c	c.bc.cp	b.bw.bc	10·4
	Jersey (St. Aubin)	1005·8	65	ESE	1	b.	1010·5	*	62	+2	W	2	-	o	1	-	68	54	og.b.	b.	b.bc.o	9·0
	Portland Bill	1005·0	61	W	2	bc	1008·4	-3	62	+3	W	3	-	c	3	-	65	57	bc.	bc.c.	bc.c	*
	Dungeness	?1004·9	60	SW	4	cq	1007·9	+2	60	0	N	2	-	bc	1	2	64	54	cr.qc	cq.	c.bc	*
	Wick	1009·2	55	E	2	omg	1008·0	-1	55	+1	ENE	1	-	o	2	-	57	53	o bcm	bc.omg	fe.omg	*
	Nairn	1006·7	63	E	2	bc	1007·3	*	56	0	-	0	-	og	1	-	68	54	bc	qbq.	cw	4·7
	Aberdeen	1008·3	59	NE	2	o	1007·5	0	57	-1	W	1	-	o	2	trace	63	55	bcq	o	odmo	5·0
	Leith	1007·5	57	E	1	o	1007·2	0	57	+1	-	0	-	om	1	-	62	56	o.c.o	o	om.o	*
	Tynemouth	1005·3	56	NNW	3	f.	1007·1	+1	56	-1	-	0	-	f	2	0·2	58	55	omg	omg	f	*
	Spurn Head	1004·5	60	W	3	c.	1006·6	0	59	+1	NNW	1	-	o	2	5	61	56	orm	or.c	o	0·4
	Yarmouth (Gorleston)	1005·7	62	SW	3	c	1007·4	+1	58	-2	W	1	-	cm	1	0·2	67	55	bcp.	bc.c.	c.bc cm	5·7
	Clacton-on-Sea	1003·2	62	S	3	bcv	1007·9	-3	58	0	WNW	1	NW	ogu.	1	7	66	53	ogr.cp	bcv.	bc.c.og	6·4
	Nottingham	1004·9	59	W	1	c	1006·6	*	59	+2	W	1	SW	o	*	6	63	56	or.	r.o.c	c.or.	0·0
	Benson (Oxon.)	1004·9	62	N	1	r.	1007·8	+3	58	+1	-	0	-	m	*	1	67	55	bc	r.	bcm	*
	Sth Farnborough	1005·0	63	-	0	o	1008·3	+1	59	+2	NW	1	NW	om	*	6	66	56	rm.orm	rm.o	or·om	0·8
	Salisbury Plain	1005·2	62	-	0	ov.	1008·7	+4	59	+4	WNW	1	NW	o	*	3	67	54	o.	p.	o	1·6
	London (Kew Obsy.)	1005·0	64	-	0	c	1008·3	+3	60	+2	SSW	1	W	o	*	10	67	57	ormg orm	cmtc.	c.orm.c	1·0
NORTHERN EUROPE.	Spitsbergen	1019·0	?	N	6	b	1021·5	0	37	-6	N	7	*	b	*	*	43	36				
	Vardö	1018·4	50	-	0	b	1017·0	0	50	-2	NNW	2	-	c	2	*	54	43				
	Bodö	1016·4	63	E	1	b	1015·6	0	63	0	E	1	-	b	1	-	66	52				
	Christiansund	1015·1	55	W	3	c	1013·8	0	55	+1	-	0	-	f	2	-	55	50				
	Skudesnaes	1011·4	68	W	1	c.	1011·0	0	64	0	-	0	-	o	0	-	70	55				
	Færder (X'ania Fjord)	1020·4	66	E	2	bc	1013·5	0	61	-2	E	2	-	o	1	trace	66	61				
	The Scaw (Skagen)	1012·0	66	E	1	bc	1011·1	0	61	-2	ESE	2	-	o	2	-	68	61				
	Blaavands Huk	1009·0	64	SE	2	o	1009·8	0	57	-4	E	1	-	f	*	5	66	55				
	Copenhagen	1012·4	61	SE	4	r.	1008·4	-2	61	-2	NE	1	-	o	*	17	68	57				
	Bornholm	1012·3	61	ESE	4	r.	1010·4	0	59	-4	ESE	1	-	r.	0	13	63	57				
FRANCE, &c.	The Helder	1007·2	64	S	2	b	1008·0	+1	57	-4	SSE	1	S	c	0	trace	66	59				
	C. Gris Nez	1006·3	63	SW	3	c	1008·6	+2	59	-1	WSW	3	*	o	2	5	64	57				
	La Hève	1007·5	63	-	0	c	1011·1	*	59	+4	WSW	2	*	o	1	2	68	55				
	Brest (St. Mathieu)	1006·7	63	NNE	2	c	1010·0	+3	59	+2	NW	4	*	o		1	68	57				
	Rochefort (Ile d'Aix)	1009·0	64	WSW	5	c	1012·2	+5	64	?	WNW	5	*	c	*	5	68	59				
	Biarritz	1012·8	66	SW	4	r.	1016·7	+2	63	-1	SW	6	*	r.	5	8	70	61				
	Paris	1007·5	61	SSW	1	r.	1011·0	+3	61	+2	SW	1	-	c	*	17	70	55				
	Belfort	1009·5	63	-	0	c	1010·7	*	61	+2	E	2	*	c	*	3	79	55				
	Lyons	1008·3	72	W	2	o	1014·0	*	57	-6	W	1	*	r	*	1	79	57				
	Nice	1010·6	68	-	0	c	1009·9	+1	70	+4	-	0	*	b	0	-	82	61				
	Perpignan	1010·4	70	NE	1	o	1015·2	+3	68	+4	W	3	-	b	*	-	79	63				
	Sanguinaire						1011·5	*	72	-3	E	1	*	o		-	?	?				
IBERIA, &c.	Corunna	1017·1	66	WSW	3	c	1021·0	?	66	+2	SW	1	N	ba	2	?	68	59				
	Madrid														*							
	Lisbon	1018·4	70	NNW	4	bc	1019·9	+2	63	-3	NNE	3	-	b	5	-	73	61				
	Azores (Horta)	1028·0	*	SW	4	c	1026·2	0	68	+5	WSW	4	*	c	2	-	77	63				
	„ (P. Delgada)	1027·2	*	WSW	4	b	1026·6	0	66	0	-	0	*	c	1	1	75	63				
	Madeira	1021·0	73	NE	3	bc	1022·7	+1	66	0	NE	3	-	c	3	-	91	66				
	Gibraltar							*					*									
	Palma																					
MEDITERRANEAN.	Algiers	1012·4	77	WNW	4	bc	1014·8	+2	?	-?	-	0	-	c	1	-	86	67				
	Malta	*	*	*	*	*	1015·0	+2	77	-2	SSE	3	-	b	1	-	84	75				
	Salonica	1014·8	79	SW	1	b	1016·5	+2	77	+1	WNW	2	-	b	*	-	92	67				
	Athens	1015·1	82	NE	3	b	1014·2	+1	86	+7	NE	4	-	b	2	-	93	73				
	Candia	1013·9	79	NW	1	b	1012·6	+1	81	+2	NW	1	-	b	1	-	84	77				
	Limassol	*	*	*	*	*	1006·6	+2	90	+6	-	0	-	b	0	-	93	66				
	Alexandria	1009·6	77	NNE	3	b	1010·3	+1	79	0	N	2	-	b	1	-	86	75				
	Cairo (Helwan)	1007·9	86	N	4	b	1009·8	+2	75	0	N	2	NW	bc	0	-	97	72				
	Jerusalem	?	77	NW	3	b	?	+1	79	+4	NE	1	-	b	*	-	90	?				
	Ramleh	1006·8	81	NNW	2	b	1008·3	+1	84	+3	-	0	-	b	*	-	91	73				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

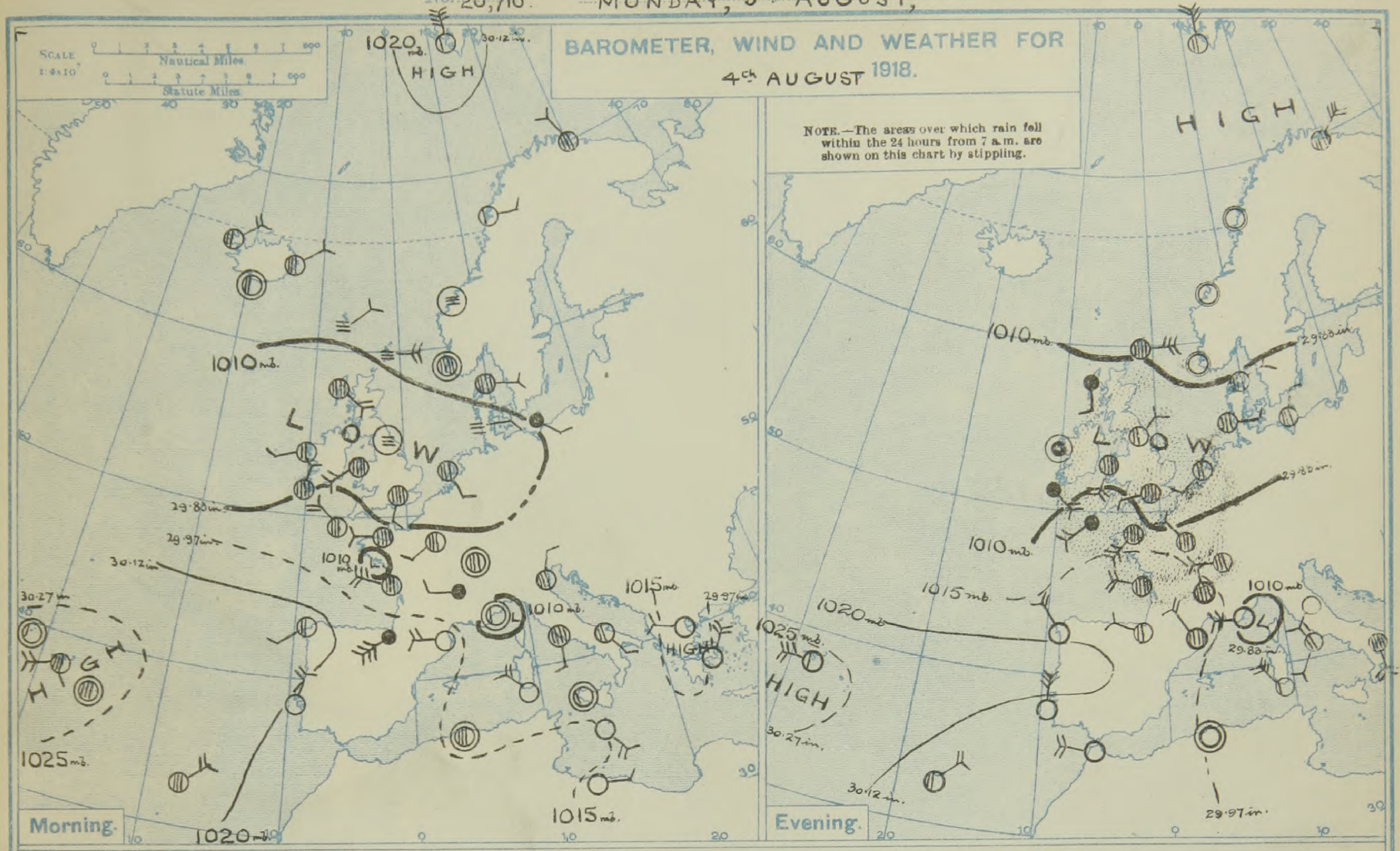
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. + Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,710. —MONDAY, 5th AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 4TH AUGUST

	STATIONS.	Evening of 3RD: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 4TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice	1011·4	75	SSE	1	c	1010·1	*	70	-7	MNE	1	c	–	81	66
	Turin	1009·5	70	–	0	c	1010·3	*	64	-4	–	0	0	5	79	61
	Pesaro						1012·7	*	70	-5	–	0	0	5	84	68
	Leghorn ...	1011·9	73	–	0	0	1011·9	*	73	+3	W	1	0	trace	77	68
	Rome	1014·2	75	S	1	b	1012·2	*	77	+4	S	1	0	2	82	68
	Viesti	1012·7	81	MNE	1	0	1013·0	*	79	+2	SSE	1	bc	–	82	70
	Brindisi	1014·3	75	?	2	b	1014·5	*	?	?	SE	2	?	–	82	72
	Cagliari	1010·3	86	SE	4	bc	1012·1	*	73	-2	NW	3	b	3	86	70
	Palermo						1014·3	*	79	+2	–	0	b	–	91	70
	Tripoli						1013·8	*	86	0	ESE	1	b	–	97	75

Morning of 4TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1015·9	55	+5	NE	3	bc
Reykjavik	1015·8	50	-2	–	0	r
Vestmanna	1015·1	48	+2	–	0	bc
Seydisfjord	1017·2	45	-3	NE	2	c
Thorshavn	1011·4	51	0	NE	1	f

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

5TH AND 6TH AUG 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·21	11·59	7·37
	4·22	11·59	7·36
Greenwich	4·32	12·6	7·40
	4·33	12·6	7·39
Wick	4·14	12·18	8·22
	4·16	12·18	8·20
Valencia	5·11	12·47	8·24
	5·12	12·47	8·23

LONDON 5TH AUGUST 9h. G.M.T.	Humidity 15 h. 4TH %	Humidity 9 h. 5TH %	Sunshine for 4TH Hours.	24 Hours ended 9 h. 5TH: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)										
CITY (Bunhill Row)	*	*	7·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)			7·8					*	*	*
" (Croydon near Charing Cross)	57	97	7·4	75	58	*	1·5	o m, o	bc, c	*
CAMDEN SQ. (British Rainfall)										*
KENSINGTON PALACE	80	94	8·0	73	58	54	1·5	bc	o, bc	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 4TH

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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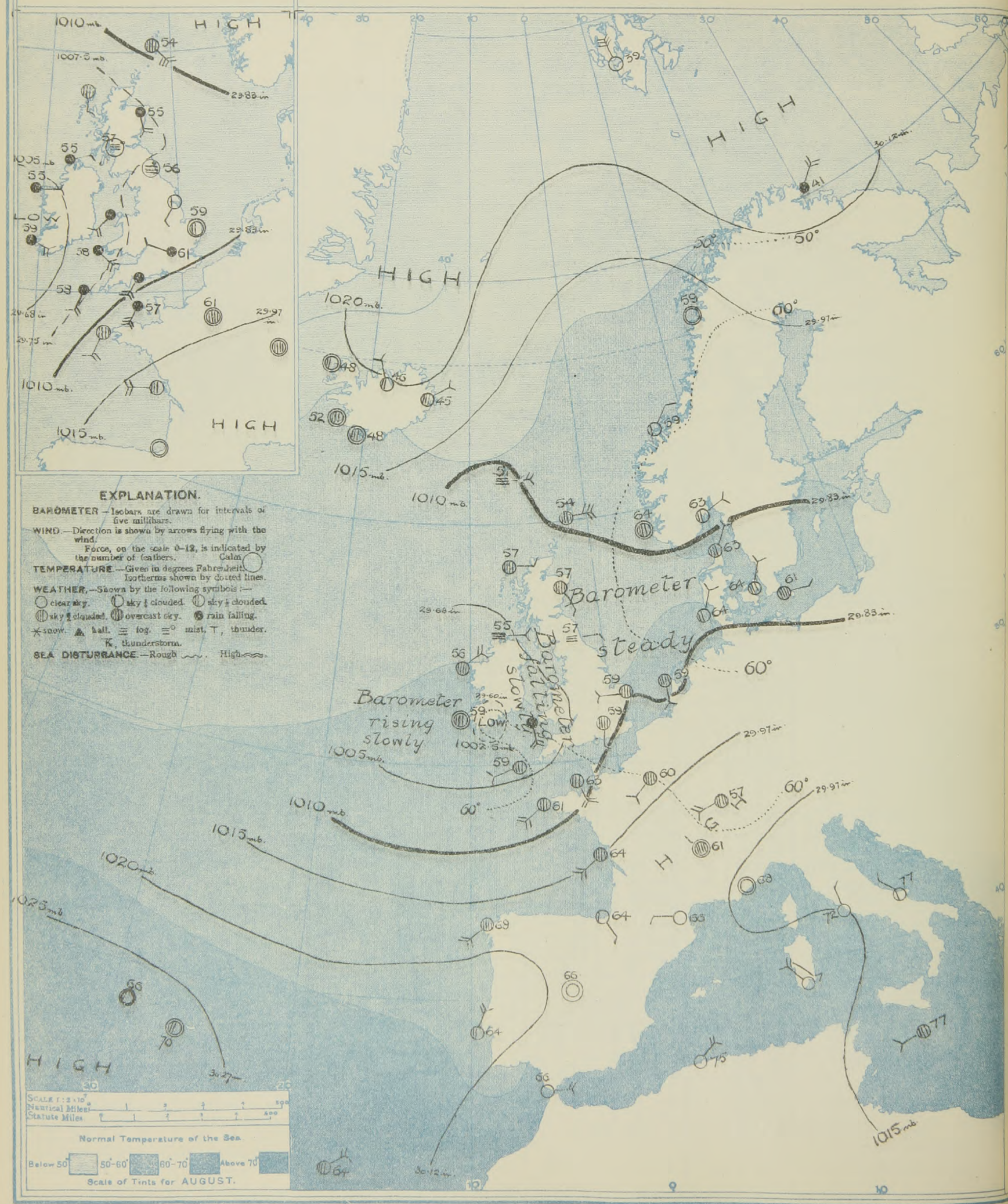
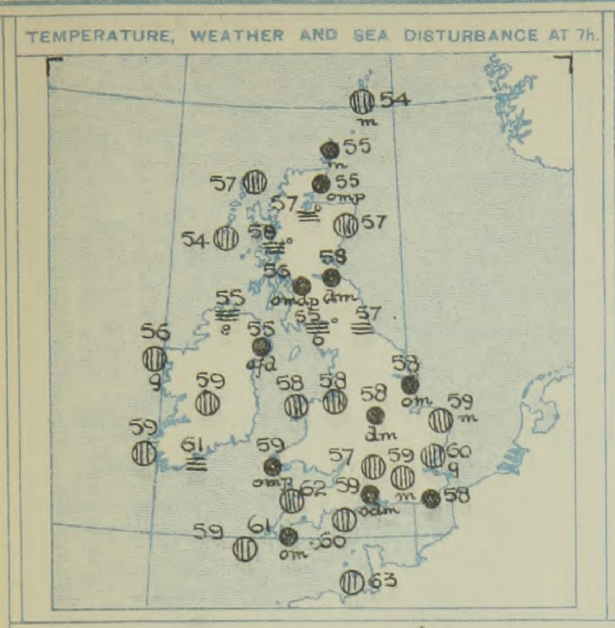
5th AUGUST at 1h. G.M.T.

THE MORNING OF MONDAY, 5th AUGUST 1918, at 7h. G.M.T.





GALES.

Notes on the Weather of the 24 hours ended 7h. Today

Rain fell in nearly all localities, more particularly in the west where the fall amounted to more than 10 mm. at some stations. Sunshine was almost nil at most of the Irish and some Scottish stations but nearly 8 hours were recorded at Liverpool and London. Air temperature rose to above 70° at inland stations in the south. Fog prevailed in the Orkneys, the Irish Sea and on the south coast of Ireland.

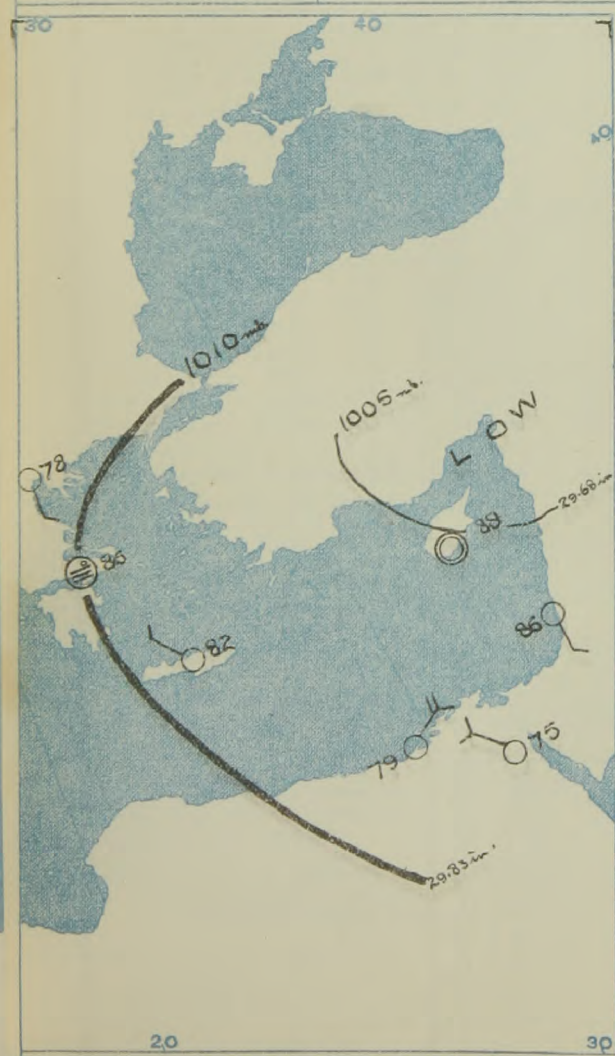
The Conditions at 7h. Today.

A depression which was beginning to affect the west coast of Ireland yesterday has moved eastward and is now centred over Roches Point on the south coast of Ireland. Winds are moderate from south west over Southern England, the Channel and the greater part of France. Light South-Easterly breezes are blowing over the northern half of these Islands. Rain or drizzle is falling at nearly all the English and Scottish stations. Pressure remains high over Iceland and the Azores.

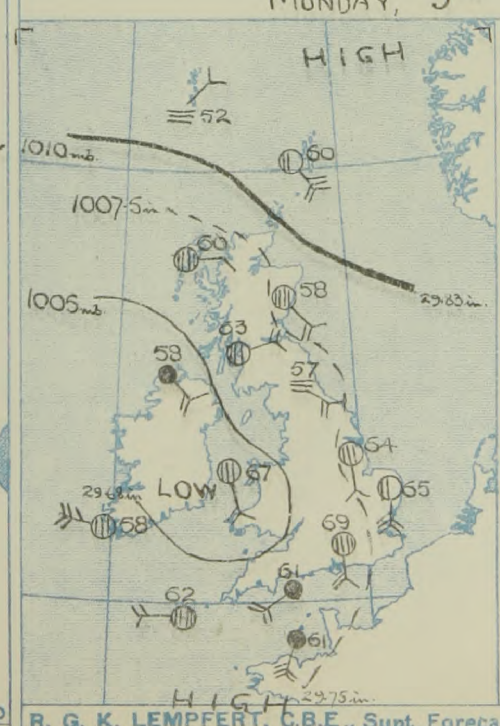
The General Outlook

The depression will probably cross southern England moving eastward with moderate speed. Rainy conditions are likely to prevail at first, followed later by fair intervals. In the south winds will freshen from SW. veering later to W. or NW. In the Northern districts SE. to E. winds backing later to NE., light or moderate in strength, will prevail.

E.G.K.



MONDAY, 5TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The depression is spreading northward and eastward. The barometer continues to rise slowly in south-west Ireland and is falling over England generally.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 217. { MONDAY 5TH AUGUST

	STATIONS.	Evening of 4TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 5TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h. 5TH: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 4TH Hours.
BRITISH ISLANDS.	Lerwick ...	1010·1	50	E	5	om	1011·2	+2	54	+4	E	5	-	o	3	1	56	50	om	om	om	*
	Deerness (Orkney)	1006·4	56	S	2	g	1008·4	*	55	-1	SE	5	-	mr.	3	9	57	53	c.ogd	dge.	gm.or.	0·2
	Stornoway ...	1006·8	56	S	1	op	1005·3	0	57	0	E	1	-	o	0	5	61	55	o.bc.o	op.	op.or	1·5
	Castlebay (Barra Isd.)	1006·4	59	SE	2	o.	1005·6	0	54	-2	-	0	-	o	0	0·1	61	52	op.o	o.c.o	op.o	0·4
	Glasgow ...	1007·4	60	-	0	omdp	1006·8	0	56	+1	E	1	-	omdp	*	4	62	54	oz	ozg.	omdp	0·8
	Eskdalemuir ...	1007·5	59	SW	1	r.	1007·0	0	55	-1	-	0	-	om	*	3	65	54	op.o	oz.o.	opmom	0·9
	Malin Head ...	1006·6	59	N	1	bc	1004·5	0	55	-2	E	2	-	ge	1	3	60	54	omb	cg	ge	0·8
	Blacksod Point	1005·6	57	—	0	omr	1003·2	-1	56	+1	ENE	3	-	og	2	1	61	53	c	c	ogdm	*
	Valencia (Cahirciveen)	1004·1	58	SE	3	od	1003·1	+2	59	+4	-	0	SW	c	2	6	60	55	o.odr	o r o	d.o.c	0·0
	Roche's Point	1007·2	59	SSW	3	rm	1002·2	*	61	+3	SE	1	-	g	1	15	61	56	or	rm	r.g	*
	Birr Castle ...	1006·2	62	SW	1	o	1002·7	*	59	+3	NE	1	-	o	*	2	68	54	oc.o.r	c.o.d.	or.o	0·1
	Donaghadee ...	1006·8	58	SSE	1	ogg	1005·3	+1	55	+1	SSW	1	-	g	1	10	59	54	ogr.og	ogg.	og.omd.	*
	Liverpool (Bidston)	1008·0	62	WNW	1	o	1005·1	-1	58	0	SE	2	-	o	1	-	66	56	bm.	bm.o	o	7·8
	Holyhead ...	1007·7	59	SSW	4	og	1004·9	-1	58	0	SSE	3	-	cr.	2	2	65	55	ogg	g.c.o	ogp	0·8
	Pembroke (St. Ann's)	1010·2	59	SW	2	ov.	1004·1	-2	59	0	SSE	4	-	omrp	4	2	63	55	o.c.o	o.c.ov.	or.omr	0·9
	Hartland Quay	1010·4	60	SW	5	oup.	1004·0	3	62	0	SSE	4	-	o	4	2	62	56	om	om	o.opo	*
	Scilly (St. Mary's)	1010·9	58	SW	3	omd	1004·7	0	59	+1	WSW	2	SW	c	3	6	63	57	c.	c.omd	o.bmcq	1·2
	Falmouth ...	1011·2	59	SW	3	op	1004·1	-2	61	0	SW	2	-	r.	0	7	65	57	bcmcm	c.cg.cg.	oe.or.o	0·9
	Jersey (St. Aubin)	1013·3	62	SW	5	og	1009·3	*	63	+1	SSE	4	SE	c	4	0·2	68	54	o.c.o	o.c.og	ogd.c	3·8
	Portland Bill ...	1010·0	61	W	5	c.	1007·3	-2	60	-2	SSW	4	SW	bc	4	2	65	57	bc.b	bc.g.	o.cp.	*
	Dungeness ...	1009·3	63	SW	4	bc	1010·2	0	58	-2	SW	3	-	r.	3	2	66	58	bc	bc	c.or.o	*
	Wick	1007·0	57	S	2	c	1007·2	0	55	0	SE	3	-	omp	3	3	59	54	omgge	gec	omp	*
	Nairn	1006·2	61	-	0	c	1005·5	*	57	+1	-	0	-	om	1	1	66	54	bc.	bc.cp	cdom	5·6
	Aberdeen ...	1007·6	60	SSE	3	b	1008·0	0	57	0	SE	1	-	o	2	-	65	56	c.om.bc	bc.b.	bc.c.o	6·5
	Leith	1006·6	60	E	1	o	1006·2	0	58	+1	SE	1	-	dm	1	0·2	64	56	m.o.c.o	o.cg.o	ogp.or.	*
	Tynemouth ...	1007·5	61	NE	2	bcm	1007·3	0	57	+1	E	1	-	g	3	1	63	55	bm	bcm.	omomp	*
	Spurn Head ...	1008·2	60	E	1	b	1008·3	0	58	-1	WSW	1	-	orm	2	8	63	56	om	c.bm	bm.orm	2·4
	Yarmouth (Gorleston)	1008·0	65	SW	2	cm.	1010·1	0	59	+1	W	2	-	om	2	0·4	67	52	cm.omp	omr.om	m.o	1·2
	Clacton-on-Sea	1008·4	66	SSE	1	o	1009·7	+1	60	+2	WSW	2	-	o	2	4	69	57	ogp.om	c.ogmd.	ogmp	2·7
	Nottingham ...	1007·5	67	E	1	c	1007·8	*	58	-1	SW	1	-	dm	*	1	72	56	o.c	c.	c.o	4·1
	Benson (Oxon.) ...	1009·1	67	SW	2	o	1007·2	-1	57	-1	S	1	-	o	*	-	74	57	bc.	b.o.c	o.	*
	Sth Farnborough	1009·1	65	SW	5	og.	1008·9	0	59	0	SSW	3	-	odm	*	trace	73	57	om.bc.o	oz.	ozodm	6·6
	Salisbury Plain	1009·7	63	W	2	o	1008·3	-1	59	0	S	2	S	o	*	1	71	56	oz	oz	od	5·5
	London (Kew Obsy.)	1008·7	69	WSW	1	o	1009·2	0	59	-1	S	1	-	om	*	1	73	57	o.bc.c	c.o	o.omom	7·6
NORTHERN EUROPE.	Spitsbergen ...	1023·5	39	N	5	bc	1022·8	0	39	+2	N	6	*	b	*	*	39	34				
	Vardö	1020·6	43	NE	4	o	1021·4	0	41	-9	NE	4	-	r	4	*	50	34				
	Bodö	1015·6	59	-	0	b	1013·6	0	59	-4	-	0	-	b	1	-	63	50				
	Christiansund ...	1012·8	64	-	0	b	1013·2	0	59	+4	NNE	1	-	b	2	-	66	50				
	Skudesnaes ...	1011·8	64	-	0	c	1011·0	0	64	0	-	0	-	c	1	-	68	57				
	Færder (X'tania Fjord)	1011·8	50	E	1	o	1011·4	+1	63	+2	ENE	2	SE	bc	1	-	66	61				
	The Scaw (Skagen)	1009·8	63	ENE	2	c	1009·5	-1	63	+2	NE	2	NE	c	2	1	66	59				
	Blaavands Huk	1009·5	64	E	1	c	1009·8	+1	64	+7	NNE	1	S	bc	*	-	68	50				
	Copenhagen ...	1008·7	64	-	0	bc	1008·4	0	64	+3	NNE	1	-	c	*	-	68	59				
	Bornholm ...	1009·5	63	NNE	1	c	1009·0	+1	61	+2	ESE	1	-	o	0	trace	64	57				
FRANCE, &c.	The Helder ...	1009·1	64	SW	1	bc	1008·7	0	59	+2	S	2	-	o	0	2	66	35				
	C. Gris Nez ...	1010·2	61	SW	4	b.	1011·4	0	57	-2	SW	4	*	r.	4	1	64	57				
	La Hève	1012·6	61	W	4	m	1011·6	*	59	0	SSW	3	*	o		*	70	59				
	Brest (St. Mathieu)	1014·7	59	SW	3	c	1007·9	0	61	-2	SW	4	*	c		3	70	59				
	Rochefort (Ile d'Aix)	1016·7	66	WNW	4	o							*		*							
	Biarritz	1019·1	72	WNW	2	bc	1017·5	+1	64	+1	SE	1	*	b		-	70	57				
	Paris	1013·0	63	NW	2	o	1014·0	+1	60	-1	SW	2	-	o	*	1	72	59				
	Belfort	1013·8	63	W	2	c	1017·4	*	57	0	WSW	3	*	o	*	5	70	57				
	Lyons	1015·2	59	N	1	o	1017·2	*	61	+2	-	0	*	o	*	1	72	59				
	Nice	1007·6	79	W	4	b	1012·8	+2	68	-	-	0	*	b	*	-	90	59				
	Perpignan ...	1016·7	73	NW	3	o	1018·0	0	66	-2	W	1	-	b	*	-	82	59				
	Sanguinaire ...							*					*									
IBERIA, &c.	Corunna	1019·9	70	NW	2	c	1019·1	*	68	+4	SW	4	-	o	2	-	72	63				
	Madrid	1015·0	77	-	0	b	1019·4	+3	66	+5	-	0	-	b	*	-	81	55				
	Lisbon	1019·5	70	N	5	b	1020·8	+1	64	+1	NNE	3	-	bc	5	-	77	64				
	Azores (Horta) ...	1025·2	*	W	5	b	1025·8	+1	66	-2	-	0	*	b	1	-	77	61				
	,, (P. Delgada)	1025·8	*	WNW	1	b	1025·6	+1	70		-	0	*	bc	1	-	75	66				
	Madeira	1021·5	73	NE	3	bc	1024·3	+1	64	-2	NE	3	-	c	3	-	75	64				
	Gibraltar	1016·6	71	W	5	b	1018·3	*	66		E	3	*	b	2	-	78	65				
	Palma																					
MEDITERRANEAN.	Algiers	1015·0	77	-	0	b	1017·9	+3	75		NNE	3	-	b	1	-	81	68				
	Malta	*	*	*	*	*	1013·6	+2	77	?	W	2	-	c	*	-	84	73				
	Salonica	1012·8	82	S	2	b	1011·1	0	78	0	[illegible]	1	-	b	*	-	94	70				
	Athens	1012·7	84	NE	3	b	1010·0	-1	86		-	0	-	m	0	-	93	77				
	Candia	1012·7	79	NW	1	b	1011·1	0	82		NW	1	-	b	1	-	86	72				
	Limassol	*	*	*	*	*	1005·2	+2	88	-2	-	0	SW	b	-	0	99	64				
	Alexandria ...	1009·2	79	NNE	2	b	1009·6	0	79	0	NE	3	-	b	2	-	88	75				
	Cairo (Helwan) ...	1007·0	90	N	4	b	1009·0	+1	75	0	NW	2	-	b	*	-	101	72				
	Jerusalem ...	*	70	NW	4	b	*	*	79	0	NNE	1	-	b	*	-	93	64				
	Ramleh	1006·4	82	NNW	2	b	1008·2	+2	86	+2	S.	1	-	b	*	-	93	73				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars.

THE BEAUFORT SCALE OF WIND FORCE.

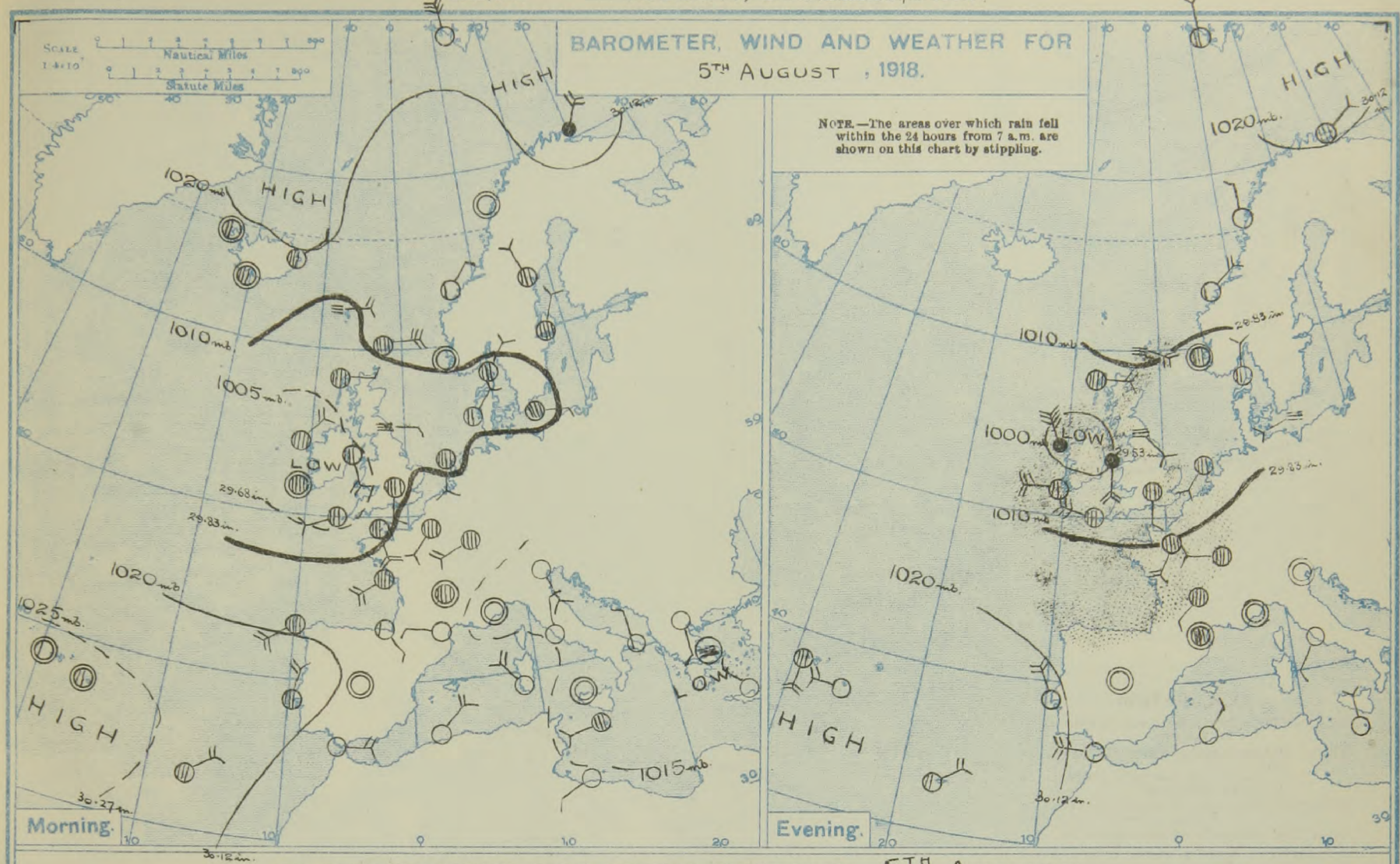
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze: the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,711. TUESDAY, 6TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 5TH AUGUST

	STATIONS.	Evening of 4TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 5TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice						1013·3	*	68	-2	SSE	2	b	19	81	69
	Turin	1011·4	68	-	0	b	1013·7	*	66	+2	-	0	b	trace	73	63
	Pesaro	1011·0	70	SW	3	b	1013·9	*	77	+7	-	0	b	13	81	61
	Leghorn ...						1013·4	*	73	0	-	0	b	-	79	70
	Rome	1013·0	73	SW	1	bc	1015·0	*	72	-5	N	1	b	-	82	64
	Viesti	1011·5	77	S	3	0	1013·5	*	77	-2	NW	1	b	trace	82	70
	Brindisi						1012·7	*	79	?	N	2	b	-	90	75
	Cagliari	1012·6	84	NW	5	b	1016·1	*	73	0	NW	3	b	-	88	70
	Palermo						1013·3	*	79	0	-	0	b	-	90	68
	Tripoli						1014·9	*	84	-2	SW	1	b	-	98	84

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather
Isafjord ...	1019·9	48	-7	-	0	bc
Reykjavik	1016·8	52	+2	-	0	c
Vestmanna	1023·0	48	0	-	0	c
Seydisfjord	1019·9	45	0	NE	2	c
Thorshavn	1009·4	51	0	E	3	5

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

6TH AND 7TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·22	11·59	7·36
	4·23	11·59	7·35
Greenwich	4·33	12·6	7·39
	4·34	12·6	7·38
Wick	4·16	12·18	8·20
	4·18	12·18	8·18
Valencia	5·12	12·47	8·23
	5·13	12·47	8·22

LONDON 6TH AUGUST 9h. G.M.T.

	Humidity 15 h. 5TH %	Humidity 9 h. 6TH %	Sunshine for 5TH Hours.	24 Hours ended 9 h. 6TH: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	74	68	0·8	72	53	48	1·0	0	0. cpb.	or. bc.
CITY (Bunhill Row)	*	*	0·8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	74	81	0·5	68	55	51	3·3	*	*	*
" (Roof near Charing Cross) ..	74	84	0·9	69	54	*	2·8	or. c	c. 0	*
CAMDEN SQ. (British Rainfall)	?	68	0·7	71	54	50	1·8	or.	op. 0. b	*
KENSINGTON PALACE	82	68	0·6	68	54	49	1·8	0	op	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during ... 5TH

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
760	13·9	62

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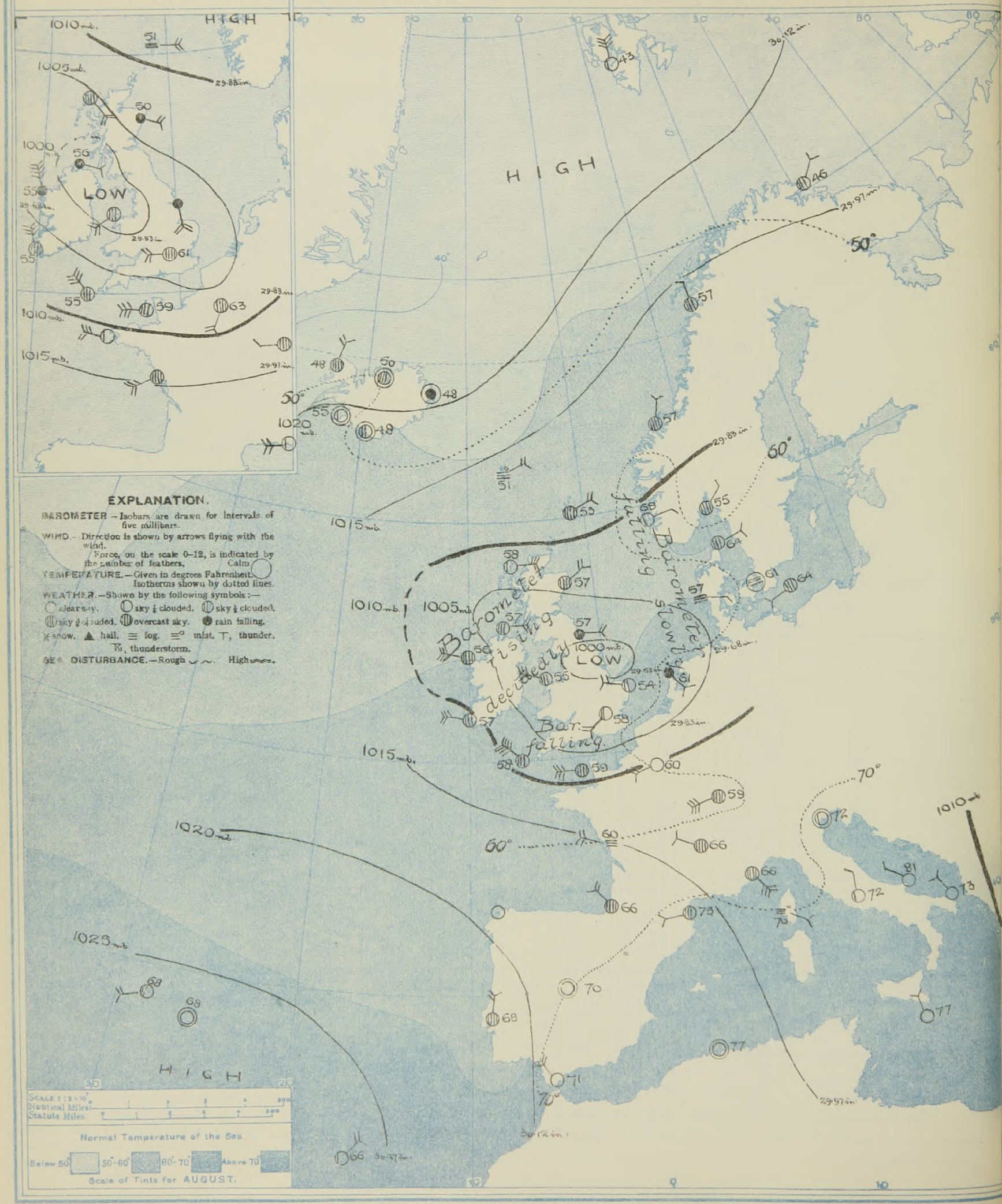
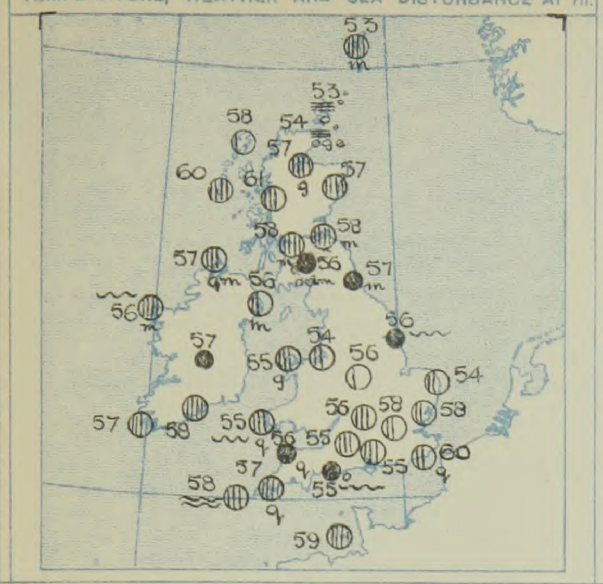
‡ The barometric change is expressed in half-millibars.

6TH AUGUST at 1h. G.M.T.

THE MORNING OF TUESDAY, 6TH AUGUST 1918, at 7h. G.M.T.

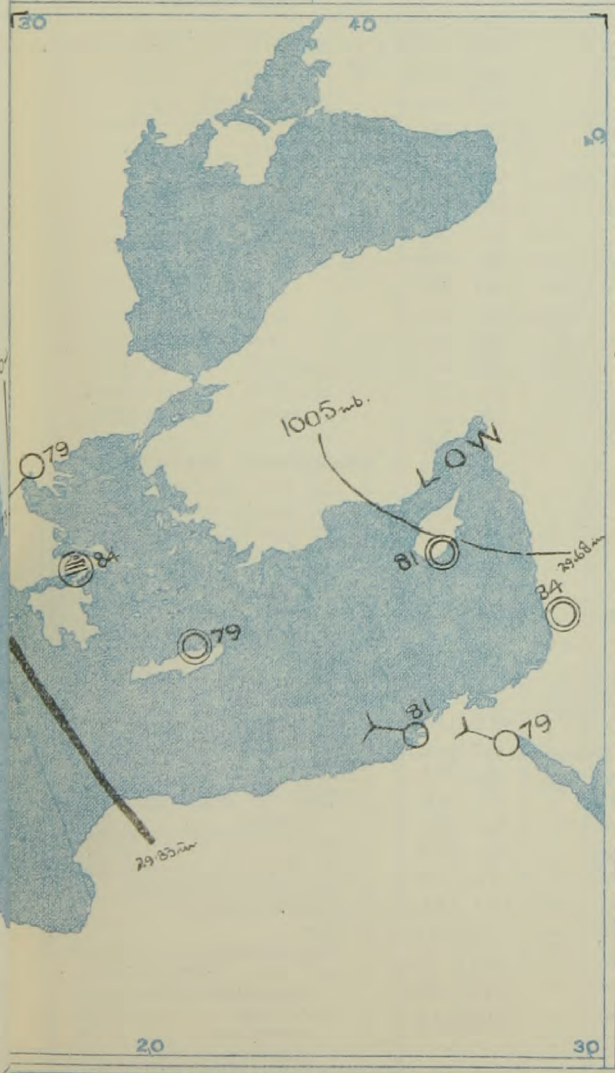


TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Blacksod. 19h.5N - 5h.6N Extreme NNW 8	Scilly. 5-6h. 6N Extreme NW 8.



Notes on the Weather of the 24 hours ended 7h. Today

Rain again fell in all districts, the largest falls occurring in Northern Ireland, where the precipitation exceeded 25 mm. Sunshine was generally deficient the highest record being 6.7 hours at Liverpool, while in many localities the sky was overcast all day. Air temperature was low for the season, the maximum failing to reach 70° at most stations.

Conditions at 7h.

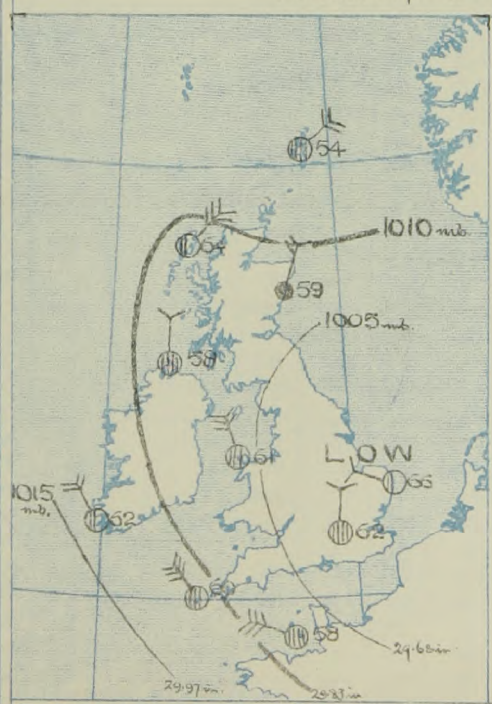
The depression which was over the south of Ireland yesterday has moved northward and then eastward to a position over the Humber. A secondary appears to be developing over south-west England. In the rear of the depression winds have freshened and veered to NW. reaching gale force in places. Moderate NE-E. winds are blowing in the northern districts, and fresh SW. breezes in the south-east. Rain is falling on the NE. and SW. coasts of England, in Ireland and in Holland. The anticyclone over the Azores shows little change and pressure also continues high in the neighbourhood of Spitzbergen.

The Outlook

The depression will probably move eastward across the North Sea. The secondary forming in the south-west is likely to cause heavy local rain in southern England and North-East France with squalls. Winds will probably back to NE. or N. in the North and veer to North West generally in the south, weather becoming fairer.

E.G.B.

TUESDAY, 6TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The inference that fairer weather is likely to prevail for a time is confirmed.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 218 — TUESDAY 6TH AUGUST

	STATIONS.	EVENING OF 5TH					MORNING OF 6TH									24 HOURS ENDED 7 h. 6TH						Sunshine for 5TH
		Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Hours.
			°F.					‡	°F.	°F.							°F.	°F.				
BRITISH ISLANDS.	Lerwick ...	1011·7	55	ESE	4	g	1011·7	0	57	+3	ENE	3	-	om	3	0·1	60	50	bc2	g	om	*
	Deerness (Orkney)	1008·4	56	ESE	4	oim.	1009·5	*	53	-2	ENE	4	-	om	3	1	58	53	m.ro.	om.	om	0·0
	Stornoway ...	1004·7	59	E	3	o	1007·5	+3	58	+1	E	5	-	b	4	-	61	57	o	o	c.b	0·5
	Castlebay (Barra Isd.)	1002·6	57	NE	2	op.	1006·0	+2	60	+6	NW	3	-	o	2	2	62	54	or.	r.op.	op r.o	0·1
	Glasgow ...	1002·6	58	ENE	4	omg	1003·6	+5	58	+2	NE	4	-	om	*	3	66	56	odp.oim	c.oupm.	omp	0·5
	Eskdalemuir ...	1002·9	60	ESE	3	ogm.	1002·2	+3	56	+1	NE	4	-	odm	*	3	64	54	orm.oin	orn.ogm	omodm	0·0
	Malin Head ...	9980	58	S	3	omr.	1003·4	+7	57	+2	E	4	NE	cmq	3	28	59	54	bc	omr.	cmq	1·6
	Blacksod Point	9992	52	NNW	7	omr.	1007·0	+5	56	0	?WNW	6	-	om	6	25	60	50	omr.	omr	omr or	*
	Valencia (Cahirciveen)	1006·3	58	W	5	bc	1011·1	+5	57	-2	WNW	5	NW	c	4	10	61	51	c.op.	c.b.bc	cp po.c	4·2
	Roche's Point	1004·2	61	W	4	c	1006·4	*	58	-3	NW	5	-	o	4	2	67	53	g.op	o.c	c.o	*
	Birr Castle ...	1000·3	65	W	3	c	1008·2	*	57	-2	W	2	-	r.	*	12	66	51	o.	op.c	or.	1·5
	Donaghadee ...	1009·1	56	ESE	3	oginr.	1000·9	+5	56	+1	NNE	2	N	bcm	2	28	58	54	ogd.	ogpd	omrtl	*
	Liverpool (Bidston)	1000·6	67	ESE	3	bc	1000·1	+1	54	-4	SW	2	NW	bc	3	12	71	50	b.	b.bc	o.bc	6·7
	Holyhead ...	1000·0	63	S	4	ovq	1001·1	+3	55	-3	WNW	5	NW	cg	4	2	67	52	cg ogp	cg pc.	cpq bc	0·0
	Pembroke (St. Ann's)	1002·5	60	SW	4	oq.	1001·4	+6	55	-4	WNW	5	NW	cq	6	5	63	53	omr.o	opmd	cq p	0·0
	Hartland Quay	1004·3	62	WSW	5	odm	1003·9	-4	56	-6	W	8	-	orq	7	10	64	54	o.odmo	po.odm	orq	*
	Scilly (St. Mary's)	1007·5	59	NW	6	cq	1008·6	0	58	-1	NW	8	NW	c.	7	1	63	55	od.c.o	cq p.	cq p	0·5
	Falmouth ...	1006·3	61	WNW	6	odmq	1006·2	0	57	-4	W	7	-	oq	*	1	68	53	orm.op	cmq.dm	cq opq	1·6
	Jersey (St. Aubin)	1007·7	63	W	5	odm.	1009·0	*	59	-4	W	6	-	o	4	6	65	58	c.or.od	od.c.od	o.bcq	2·2
	Portland Bill ...	1004·2	61	WSW	5	c	1002·9	-3	55	-5	W	5	-	or.	5	6	62	55	c.op	cp.	bcqr	*
	Dungeness ...	1005·9	61	S	3	c	1004·1	+1	60	+2	WSW	5	W	bcq	5	3	64	56	or.c	c.or.c	o.c.bcq	*
	Wick	1007·2	55	SE	3	om	1008·6	+3	54	-1	E	3	-	omgs	3	1	56	54	omp.g	omg	omgs	*
	Nairn	1005·1	56	-	0	r.om.	1007·0	*	57	0	E	1	-	og	1	6	60	55	pd.o	ro.	d.o	0·0
	Aberdeen ...	1006·9	57	E	2	om	1006·8	+2	57	0	NE	3	-	o	3	-	59	56	omd.og	ogm.	om.o	0·0
	Leith	1003·9	58	ENE	2	r.	1003·4	+1	58	0	NE	3	-	om	3	6	60	57	dm.o	odmr.	rm.ro	*
	Tynemouth ...	1004·4	57	SE	2	g	1000·7	+1	57	0	ESE	3	-	mr.	3	1	59	56	g	g.	omomr	*
	Spurn Head ...	1005·5	60	SE	4	bc	999·9	0	56	-2	W	5	-	or.	5	19	64	54	c.	bc	or.	1·0
	Yarmouth (Gorleston)	1007·2	63	S	5	bc	1001·2	+2	54	-5	WNW	3	-	bc	3	5	67	54	om.bc	bc	cmp bc	4·6
	Clacton-on-Sea	1006·2	65	S	3	c	1003·4	+5	58	-2	WSW	2	W	bc	4	2	65	55	ogp.d	c.bc.c	c.og bc	2·9
	Nottingham ...	1003·4	66	E	2	c	1000·6	*	56	-2	WSW	2	SW	b	*	3	70	50	o.c.o	c.op.	c.o	1·2
	Benson (Oxon.) ...	1005·4	63	S	2	o	1001·8	+1	56	+1	SW	3	-	c	*	5	67	51	od	o.	r.o.bc	*
	Sth Farnborough	1004·5	63	SSE	4	orm.	1003·4	-1	55	-4	SW	5	SW	c	*	1	68	51	om or.	orm	omr.bc	0·1
	Salisbury Plain	1003·5	63	SSW	3	o	1002·3	-3	55	-4	WSW	2	SW	c	*	1	64	50	opd.	opd.o	bcp.c	0·0
	London (Kew Obsy.)	1004·7	63	S	1	o	1003·1	0	58	-1	SW	3	W	bc	*	2	70	55	omor.o	o.	or.or.bc	0·3
NORTHERN EUROPE.	Spitsbergen ...	1009·2	43	N	2	bc	1024·0	0	43	+4	N	6	*	b	*	*	43	37				
	Vardö	1020·3	41	NE	2	c	1019·0	-1	46	+5	NE	2	-	c	2	*	46	39				
	Bodö	1012·7	39	N	1	b	1012·2	0	57	-2	N	1	-	c	1	-	59	39				
	Christiansund ...	1012·3	61	NE	3	b	1012·0	0	57	-2	NNE	2	-	o	3	-	63	50				
	Skudesnaes ...	1009·4	63	-	0	c	1007·6	-3	66	+2	SSW	1	-	b	1	-	70	57				
	Færder (X'iania Fjord)	1009·4	68	-	0	c	1008·3	0	55	-8	NE	1	-	o	1	-	70	55				
	The Scaw (Skagen)	1008·4	64	N	2	b	1007·1	+1	64	+1	ENE	2	-	c	2	-	68	61				
	Blaavands Huk	1009·2	64	NNW	1	b	1007·9	-1	57	-7	ESE	1	-	g	*	-	70	52				
	Copenhagen ...	1007·8	64	-	0	c	1007·0	+1	61	-3	-	0	-	g	*	trace	70	59				
	Bornholm ...	1008·4	64	WSW	2	o	1007·6	0	64	+3	WSW	2	SW	c	0	-	66	59				
FRANCE, &c.	The Helder ...	1008·8	63	SW	2	c	1001·6	-4	61	+2	SE	2	-	r.	1	1	66	59				
	C. Gris Nez ...	1006·3	61	S	2	r.	1011·6	+2	59	+2	W	6	*	b	5	5	66	57				
	La Hève	1008·3	63	WSW	4	o	1010·3	*	59	0	WSW	6	*	r		14	64	56				
	Brest (St. Mathieu)	1010·6	63	WNW	5	o	1013·2	+1	61	0	W	6	*	b		trace	64	59				
	Rochefort (Ile d'Aix)	1014·4	66	SW	6	r.	1015·9	-2	61	0	NW	4	*	g	*	5	70	61				
	Biarritz	1018·2	75	NW	2	b.	1018·8	0	66	+2	NW	3	*	o		5	77	64				
	Paris	1009·9	64	SSW	3	o	1010·7	+2	61	+1	WSW	3	-	b	*	4	72	57				
	Belfort	1014·0	66	W	2	o	1013·9	*	59	+2	WSW	6	*	o	*	2	68	57				
	Lyons	1014·7	70	-	0	o	1014·6	*	66	+5	WNW	2	*	o	*	-	77	59				
	Nice	1011·8	72	-	0	b.	1012·8	0	66	-2	-	0	*	o		-	79	59				
	Perpignan ...	1015·4	75	-	0	c	1016·6	0	72	+6	WSW	2	-	c	*	-	82	64				
	Sanguinaire ...						1014·6	*	70		SE	2	*	g		-	88	55				
IBERIA, &c.	Corunna																					
	Madrid	1014·0	86	-	0	b	1017·5	+2	70	+4	-	0	-	b	*	-	88	61				
	Lisbon	1020·6	73	NNW	4	b	1021·5	+1	68	+4	N	3	-	o	5	-	77	66				
	Azores (Horta) ...	1026·4	*	S	4	c	1025·9	0	68	+2	WSW	3	*	bc	1	-	77	66				
	,, (P. Delgada)	1026·2	*	W	3	b.	1026·0	-1	68	-2	-	0	*	b	2	-	77	66				
	Madeira	1023·4	72	NE	3	bc	1025·2	-1	66	+2	NE	3	-	b	3	-	75	64				
	Gibraltar	1017·6	71	W	5	b	1016·9	*	71	+5	WNW	4	*	b	3	-	82	65				
	Palma																					
MEDITERRANEAN.	Algiers	1017·1	77	NE	1	b	1016·6	+2	77	+2	-	0	-	b	0	-	82	72				
	Malta	*	*	*	*	*	1013·4	+2	77	0	N	2	-	b	1	-	84	75				
	Salonica	1006·5	83	SE	1	bc	1006·9	+1	79	+1	SW	1	-	b	*	-	92	70				
	Athens	1008·2	81	-	0	b	1006·3	0	84	-2	-	0	-	m.	0	-	93	73				
	Candia	1009·6	79	-	0	b.	1007·8	0	79	-3	-	0	NW	b	0	-	90	70				
	Limassol	*	*	*	*	*	1005·4	+2	81	-7	-	0	-	b	0	-	101	61				
	Alexandria ...	1009·2	79	NE	2	b	1009·4	+2	81	+2	NW	2	-	b	*	-	?88	?70				
	Cairo (Helwan) ...	1008·4	88	N	3	b	1009·3	+2	79	+4	NW	2	-	b	*	-	99	70				
	Jerusalem ...	*	79	NW	3	b.	*	*	79	0	-	0	-	b	*	-	91	64				
	Ramleh	1007·0	82	WNW	1	b.	1008·0	+1	84	-2	-	0	-	b	*	-	95	70				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

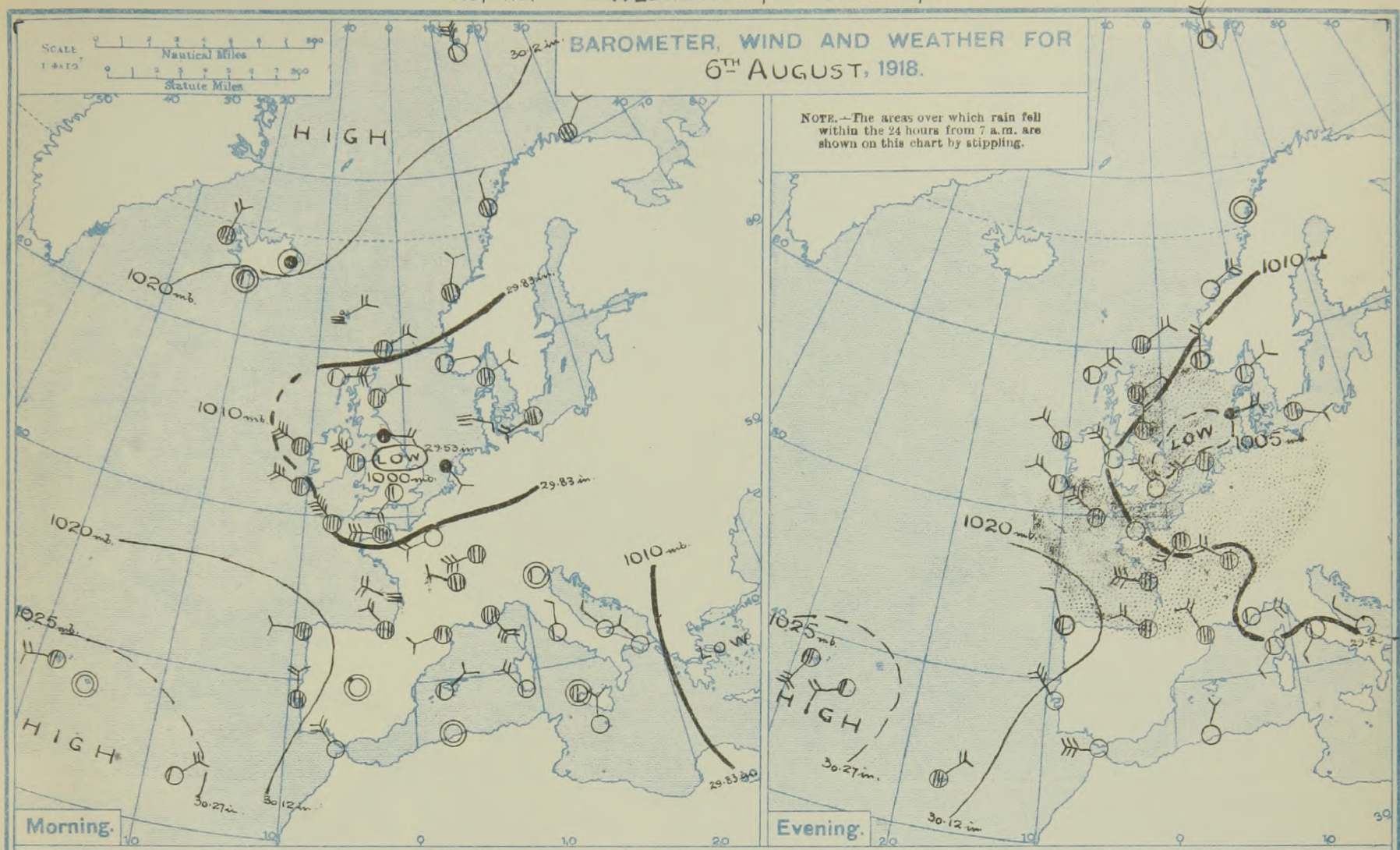
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,712. WEDNESDAY, 7TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 6TH AUGUST

	STATIONS.	Evening of 5TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 6TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...															
	Petrograd ...															
	Moscow															
SWEDEN.	Hernösand ...															
	Stockholm ...															
	Wisby															
ITALY.	Venice	1012·2	73	-	0	b	1011·8		72	+4	-	0	b	-	79	66
	Turin	1013·1	71	-	0	tb.	?		66	0	-	0	0	-	79	63
	Pesaro						1012·5		77	0	-	0	b	-	79	63
	Leghorn ...						1012·9		72	−1	-	0	c	-	79	72
	Rome	1014·1	73	SW	1	b	1013·9		72	0	N	1	b	-	84	64
	Viesti	1013·3	81	-	0	b	1011·7		81	+4	NW	1	b	-	82	72
	Brindisi	1012·2	75	N	1	b	1011·4		73	−6	NW	2	b	-	79	70
	Cagliari						1014·7		72	−1	NW	3	b	-	86	72
	Palermo						1014·5		75	−4	-	0	bc	-	84	?
	Tripoli															

Morning of 6TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1022·6	48	0	NNE	3	o
Reykjavik	1019·4	55	+3	-	0	b
Vestmanna	1019·2	48	0	-	0	bc
Seydisfjord	1021·6	48	+3	-	0	r
Thorshavn	1013·8	51	0	ENE	3	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

7TH AND 8TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·23	11·59	7·35
	4·24	11·58	7·33
Greenwich	4·34	12·6	7·38
	4·35	12·5	7·36
Wick	4·18	12·18	8·18
	4·20	12·7	8·16
Valencia	5·13	12·47	8·22
	5·14	12·46	8·20

LONDON 7TH AUGUST 9h. G.M.T.	Humidity 15 h. 6TH	Humidity 9 h. 7TH	Sunshine for 6TH	24 Hours ended 9 h. 7TH: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	88	6·6	68	53	44	Trace.	o	o. bc. b	b.c. od.
CITY (Bunhill Row)	*	*	5·7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	73	86	5·8	67	54	52	4	*	*	*
" (Roof near Charing Cross).	58	82	3·7	70	56	*	4	ot. c.	c. bc. b.	*
CAMDEN SQ. (British Rainfall)	66	88	4·1	69	52	50	3	ot. o.	o	*
KENSINGTON PALACE	59	82	6·2	69	53	45	1	c	c. bc.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 6TH

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1290	23·8	73·5

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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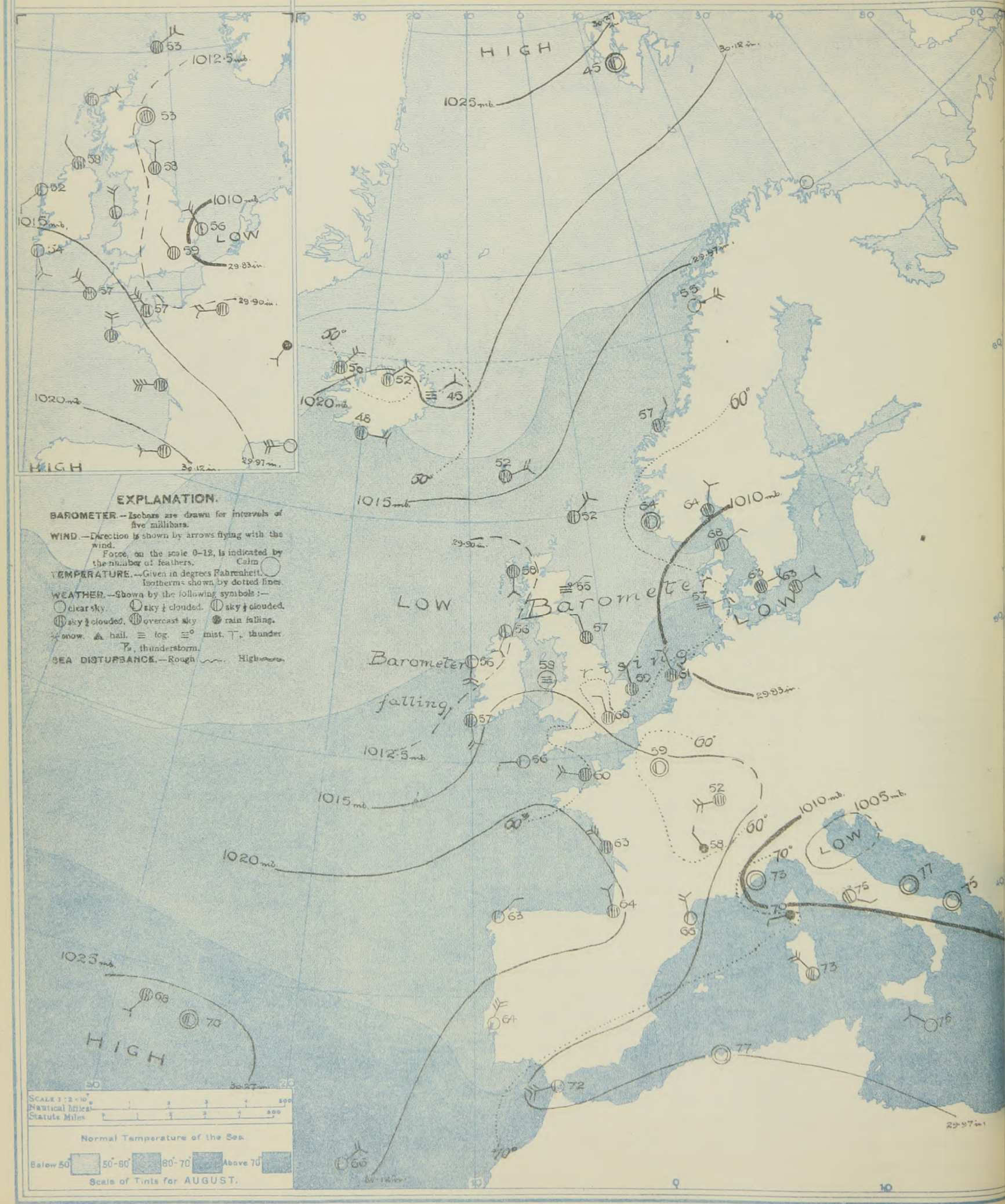
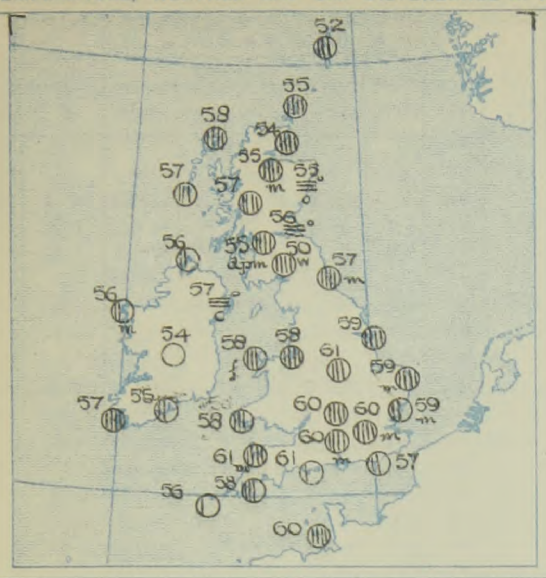
7th AUGUST at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 7th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

Small amounts of rain occurred in the Southern districts, and passing showers or drizzle at some northern stations. The day was almost sunless in the south-west of England, Southern Scotland and Northern Ireland, but good records were obtained in the south-east, as much as 13.4 hours at Clacton-on-Sea. Temperature remained below the normal, the maximum reading nowhere reaching 70°F.

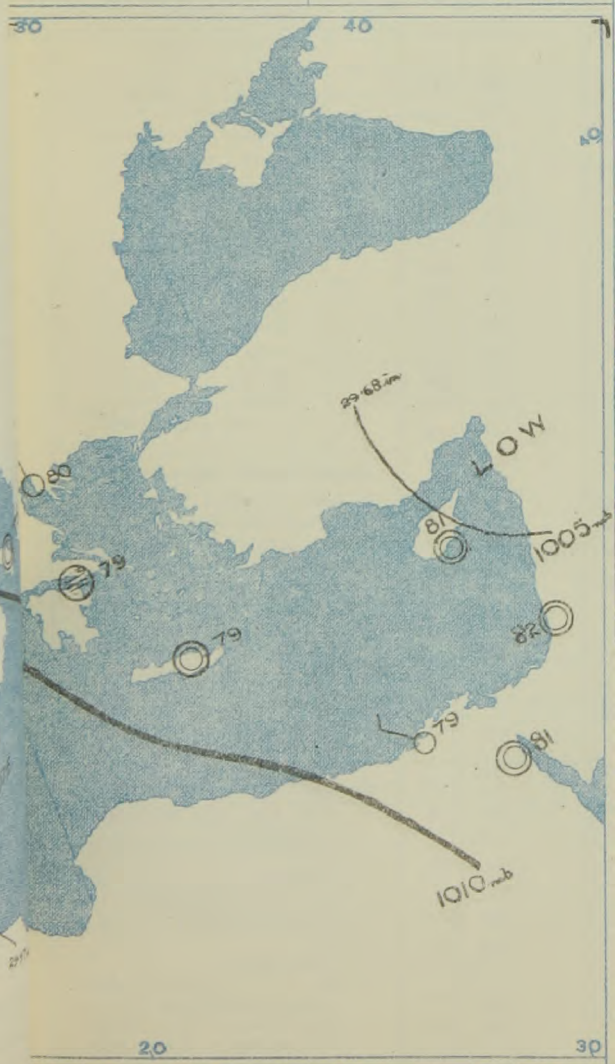
The Conditions at 7h. Today

The depression which was centred near Spurn Head yesterday morning has moved eastward across the North Sea, and now lies over Denmark, where it is filling up. Winds have become generally light over the British Isles, but are freshening again from SSE. on the west coast of Ireland. The barometer is falling at Blacksod Point and Valencia, and another depression is approaching our western coasts from the Atlantic. Weather is mainly cloudy or dull with local mist. Fog is reported at Holyhead. Anticyclones continue over the Azores and Spitzbergen.

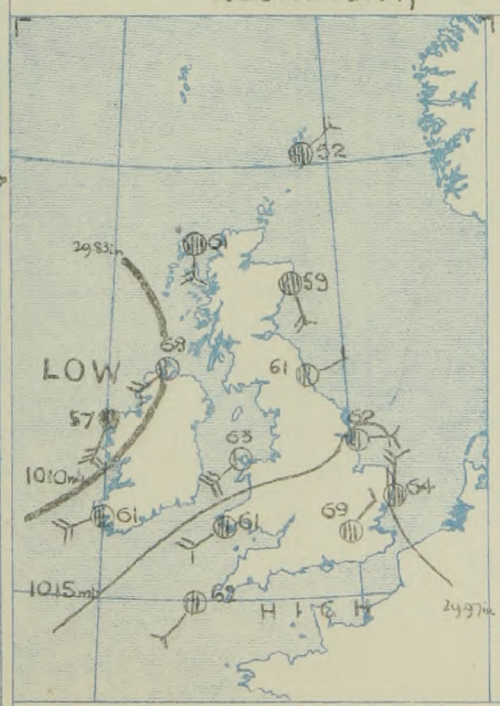
The Outlook

The depression off the west coast of Ireland will probably affect our western coasts during the day. Freshening Southerly or South-Westerly winds and unsettled weather will extend eastward gradually.

H.H.



WEDNESDAY, 7TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer has commenced to rise again in the west of Ireland. The influence of the depression on this country is likely to be less marked for the present than appeared probable from the morning map.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H.G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 219. WEDNESDAY, 7TH AUGUST.

	STATIONS	Evening of 6th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 7th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h 7th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 6th. Hours.
BRITISH ISLANDS.	Lerwick ...	1012.8	54	NE	3	om	1013.9	+1	52	-1	NE	3	NE	c	2	-	55	51	om	om	c	*
	Deerness (Orkney)	1011.8	59	NE	2	bc	1013.5	*	55	+2	ESE	2	-	o	1	-	59	50	om.c.bc	bc	bc.b.bc.o.	6.0
	Stornoway ...	1010.9	60	NE	4	b	1011.8	0	58	0	S	2	-	o	1	-	62	55	b.bc.	bc.b	bc.oz.	7.7
	Castlebay (Barra Isd.)	1010.6	61	WNW	3	om	1012.4	0	57	-3	SE	1	-	c	1	-	66	55	o. cm	c. om	om.c.	3.8
	Glasgow ...	1011.0	62	E	2	cz	1014.1	+1	55	-3	E	1	-	omdfp	*	0.2	65	54	o. fp	o. cz.	c.omdfp	1.0
	Eskdalemuir ...	1010.6	57	NNE	3	o	1014.8	+1	50	-6	-	o	-	ow	*	0.8	65	39	odm.co	ofm.om	o.b.bcd	1.8
	Malin Head ...	1011.5	58	N	2	om	1012.3	0	56	-1	SSW	2	SW	bc	2	-	60	53	cmq	om	bc	0.0
	Blacksod Point	1013.6	59	NW	3	bc	1011.0	-3	56	0	S	4	S	bcm	4	-	61	53	bc	bc.	bc	*
	Valencia (Cahirciveen)	1015.5	61	NW	3	b	1013.5	-2	57	0	SSE	3	-	o	3	-	62	50	c bc.	bc. b.	b.bw.co	10.5
	Roche's Point	1013.3	63	NNW	4	b	1015.6	*	55	-3	-	0	NW	bc	1	0.2	64	50	o.c.o.	o.c.b.	b.bcw	*
	Birr Castle ...	1011.8	63	W	2	c	1014.6	*	54	-3	-	0	-	b	*	0.2	64	51	ofp.	o.c.	cz.o.	1.8
	Donaghadee ...	1009.8	60	N	4	bm	1013.8	+1	57	+1	ESE	1	S	cm	0	-	63	55	bcm.om.	bcm	cg.ogm	*
	Liverpool (Bidston)	1008.1	64	N	2	r	1014.4	+2	58	+4	SSW	1	-	o	1	1	68	54		c. ofp.	c.o.	2.5
	Holyhead ...	1009.5	62	NW	4	b	1014.5	+1	58	+3	-	0	-	cf	0	-	63	55	cg.og.c.	c.o.bcb	b.bcf	5.0
	Pembroke (St. Ann's)	1010.6	61	WNW	2	c	1015.6	+2	58	+3	WSW	2	SW	c	2	-	64	55	bcq.co.	c. bc.	bc.b.bc.	8.8
	Hartland Quay	1011.3	62	WNW	6	cm	1016.7	+2	61	+5	SW	1	W	om	4	6	62	57	tq.cbh	o.bc.om	bm.om	*
	Scilly (St. Mary's)	1014.0	58	NW	6	o	1017.8	+1	56	-2	W	1	W	b	4	-	62	55	cq.	c.	c.bc.b	0.3
	Falmouth ...	1012.5	59	WNW	5	cq2	1017.3	+1	58	+1	WNW	3	N	c	*	4	61	55	tq.	odm.cq.	o.cq.c	0.9
	Jersey (St. Aubin)	1010.8	60	W	6	og	1016.5	*	60	+1	WNW	3	-	o	3	3	62	56	bc.ogh	do.cdg.	og.a	1.7
	Portland Bill ...	1007.9	62	NW	4	bc	1015.2	+3	61	+6	NW	2	-	b	3	2	65	55	bc.	bc	bc.b.	*
	Dungeness ...	1005.6	60	SW	2	b	1012.9	+3	57	-3	W	2	-	bc	2	2	62	48	cfq.	bc	bc	*
	Wick	1011.9	55	ENE	2	omq	1013.4	+1	54	0	ESE	1	-	o	2	-	56	48	om.bc	bc.omq	omq	*
	Nairn	1011.3	58	ENE	2	bc	1012.9	*	55	-2	-	0	-	og	1	0.2	62	53	cg	c.bc.	bcd.c.	4.6
	Aberdeen ...	1011.2	58	NE	2	o	1013.9	+1	55	-2	NE	1	-	om	2	0.2	63	49	omd	om.	o.bcm.m	0.2
	Leith	1010.5	61	E	1	bc	1013.0	0	56	-2	NE	1	-	om	1	2	62	55	omdo.	o.c.bc.	bc.om	*
	Tynemouth ...	1008.8	57	N	3	om	1014.1	+2	57	0	NNW	1	-	om	2	-	61	56	om	om	om	*
	Spurn Head ...	1005.7	60	NNE	3	c	1014.4	+2	59	+3	N	3	-	o	4	-	65	54	c	c	og.o	3.5
	Yarmouth (Gorleston)	1005.0	63	SSW	3	b	1012.5	+5	59	+5	NNW	2	-	om	2	0.2	68	55	bc	bc	b.bc.om.	10.5
	Clacton-on-Sea	1005.6	63	S	1	bcv	1013.2	+4	59	+1	NNE	3	NE	bcm	1	-	65	53	bcv.	bcv.	bcmw	13.4
	Nottingham ...	1006.1	62	SSW	1	c	1014.6	*	61	+5	WNW	1	NW	c	*	Trace	65	55	bcg.	o.c.	c.ofp.bc	8.5
	Benson (Oxon.) ...	1006.7	65	NW	4	b	1014.5	+4	60	+4	-	0	-	o	*	1	68	56	ofc.	bc	om	*
	Sth Farnborough	1006.5	66	WNW	3	b	1014.7	+4	60	+5	W	2	-	om	*	1	67	51	c.ofv.	vzo.b.	b.om.om	7.7
	Salisbury Plain	1007.9	64	WNW	3	o	1015.6	+4	58	+3	WNW	1	W	o	*	3	67	52	o.c.		o.bow	8.1
	London (Kew Obsy.)	1006.3	68	NW	2	b	1014.6	+3	60	+2	NNW	1	-	om	*	1	68	56	bc.c.o.co	o.c.bc.b	b.bc.om	8.4
NORTHERN EUROPE.	Spitsbergen ...	1022.2	43	N	4	b	1024.6	0	45	+2	-	0	*	bc	*	*	45	39				
	Vardö															*						
	Bodö	1011.6	57	-	0	b	1013.9	0	55	-2	E	4	-	b	2	-	57	50				
	Christiansund ...	1011.4	57	NE	4	b	1011.8	0	57	0	NE	1	-	c	3	-	61	50				
	Skudesnaes ...	1007.5	64	N	3	bc	1010.2	+2	64	-2	-	0	SW	bc	1	-	68	59				
	Færder (X'iania Fjord)	1007.2	68	-	0	c	1010.4	+2	64	+9	NNE	2	-	o	1	-	70	63				
	The Scaw (Skagen)	1005.6	66	NE	2	b	10086	+2	68	+4	ENE	1	-	c	1	-	68	63				
	Blaavands Huk	1005.0	66	ENE	3	r	1009.6	+3	57	0	E	1	-	f	*	5	70	52				
	Copenhagen ...	1008.4	66	-	0	c	1009.8	+3	63	+2	E	2	-	o	*	-	70	61				
	Bornholm ...	10068	63	SE	2	c	1009.1	+2	63	-1	E	2	-	c	0	1	66	59				
FRANCE, &c.	The Helder ...	1005.5	61	WSW	3	c	1010.2	+2	61	0	NNW	3	-	o	2	14	63	55				
	C. Gris Nez ...	1006.3	61	WSW	2	b	1013.5	+3	59	0	W	2	*	c	2	-	68	55				
	La Hève	1009.5	61	SW	6	c	1015.5	*	59	0	WNW	4	*	o	4	10	63	59				
	Brest (St. Mathieu)	1016.2	52	WNW	6	b	1019.8	+2	59	-2	WNW	2	*	bc	3	-	63	52				
	Rochefort (Ile d'Aix)	1017.0	64	WNW	6	c	1019.6	+1	63	+2	NW	5	*	o	*	4	64	59				
	Biarritz	1017.8	66	WNW	3	c	1021.6	0	64	-2	NNW	2	*	o	3	6	66	63				
	Paris	1009.0	57	SW	3	r	1015.8	+2	59	-2	-	0	-	b	*	5	70	54				
	Belfort	1011.1	64	NW	4	c	1017.1	*	52	-7	W	4	*	o	*	19	66	48				
	Lyons						1018.4	*	58	-8	NW	1	*	r	*	-	79	55				
	Nice	1007.2	70	E	4	b	10066	+3	73	+7	-	0	*	b	2	-	81	63				
	Perpignan ...	1015.5	72	NW	3	o	1018.7	+2	66	-6	NNW	3	NW	b	*	-	79	61				
	Sanguinaire ...	1014.0	77	SW	1	b	1011.6	*	70	0	W	1	*	r		-	88	59				
IBERIA, &c.	Corunna	1023.8	66	NNW	1	bc	1023.6	+1	63	-1	NE	1	N	b	2	-	70	55				
	Madrid														*							
	Lisbon	1019.2	72	NNW	5	b	1018.6	0	64	-4	NNE	5	-	b	5	-	77	63				
	Azores (Horta) ...	1025.9	*	SSW	5	c	1025.2	+1	68	0	S&E	2	*	c	2	4	77	70				
	,, (P. Delgada)	1026.6	*	WSW	3	bc	1025.6	0	70	+2	-	0	*	bc	2	-	75	66				
	Madeira	1023.5	73	NE	3	c	1022.8	-1	66	0	NE	3	-	b	3	-	77	64				
	Gibraltar	1016.9	79	W	6	b	1014.9	*	72	+1	WNW	5	*	b	1	-	82	68				
	Palma																					
MEDITERRANEAN.	Algiers	1014.6	79	NNE	2	b	1015.0	+1	77	0	-	0	-	b	0	-	91	68				
	Malta	*	*	*	*	*	1013.0	+2	75	-2	NW	2	-	b	1	-	84	73				
	Salonica	1004.9	81	SE	2	b	1008.0	+4	80	+1	N	1	-	b	*	-	98	71				
	Athens	1005.8	79	-	0	b	1006.6	+2	79	-5	-	0	-	m	0	-	93	75				
	Candia	1007.0	77	-	0	b	1006.0	+1	79	0	-	0	-	b	0	-	91	72				
	Limassol	*	*	*	*	*	1006.0	+1	81	0	-	0	-	b	0	-	91	68				
	Alexandria ...	1008.2	79	-	0	b	1009.6	+1	79	-2	NW	1	-	b	0	-	95	73				
	Cairo (Helwan) ...	1008.2	88	NE	1	b	1009.4	+2	81	+2	-	0	-	b	*	-	97	73				
	Jerusalem ...	*	75	WNW	3	b	*	+1	75	-4	NW	1	-	b	*	-	90	64				
	Ramleh	1007.6	81	W	1	b	1009.1	+1	82	-2	-	0	-	b	*	-	98	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

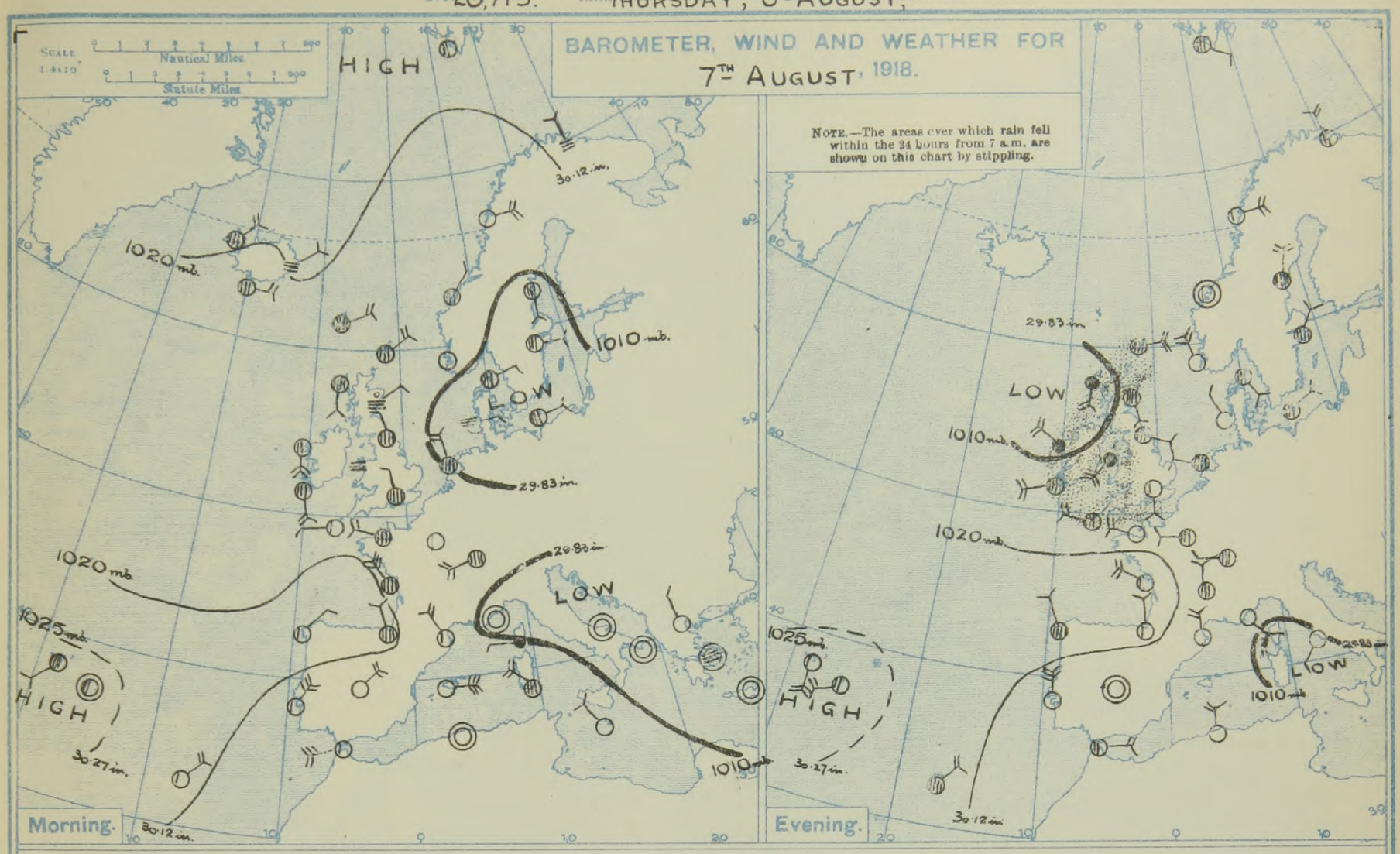
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,713. THURSDAY, 8TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 7TH AUGUST

	STATIONS.	Evening of 6TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 7TH: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1010·6	61	-	0	bc	1004·8	*	55		N	4	o	*	*	*
	Stockholm ...	1008·6	64	SE	2	c	1001·6	*	64		SE	2	o	*	*	*
	Wisby	1007·2	66	SE	2	b	1000·7	*	63		ENE	2	b	*	*	*
ITALY.	Venice						1005·9	*	55	−17	NNW	4	thr	8	79	55
	Turin						1007·0	*	73	+7	-	0	b	-	81	61
	Pesaro						1005·7	*	77	0	-	0	b	-	81	68
	Leghorn ...	1008·6	75	SW	2	b	1007·1	*	72	0	W	2	b	-	82	?
	Rome	1012·3	72	SW	1	b	1009·3	*	75	+3	?SE	1	bc	.	84	68
	Viesti	1009·0	81	NNW	1	b	1007·9	*	77	−4	-	0	b	-	84	68
	Brindisi	1010·7	77	-	0	b	1009·5	*	75	+2	-	0	b	-	77	68
	Cagliari	1012·9	86	NW	5	b	1013·1	*	73	+1	NW	4	c	-	88	77
	Palermo						1012·6	*	68	−7	-	0	b	-	90	63
	Tripoli						1017·5	*	72		NNE	1	b	-	99	72

Morning of 7TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.
Isafjord ...	1021·9	50	+2	NE	3	o
Reykjavik	1019·0	52	−3	WNW	1	o
Vestmanna	1018·2	48	0	E	3	c
Seydisfjord	1021·2	45	−3	NE	2	f
Thorshavn	1016·8	52	+1	ENE	3	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

8TH AND 9TH AUG 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·24	11·58	7·33
	4·26	11·58	7·31
Greenwich	4·35	12·5	7·36
	4·37	12·5	7·34
Wick	4·20	12·17	8·16
	4·22	12·17	8·13
Valencia	5·14	12·46	8·20
	5·16	12·46	8·18

LONDON

8TH AUGUST 9h. G.M.T.

	Humidity. 15 h. 7TH %	Humidity. 9 h. 8TH %	Sunshine for 7TH Hours.	24 Hours ended 9 h. 8TH: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	67	89	1·7	72	54	47	-	o.	bc. b.	b.c.ow.d
CITY (Bunhill Row)	*	*	1·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	69	88	1·2	71	57	54	0·2	*	*	*
" (Roof near Charing Cross)	63	77	0·9	73	58	*	0·1	om.	o.	*
CAMDEN SQ. (British Rainfall)	60	74	2·1	74	56	52	0·4	o	o.	*
KENSINGTON PALACE	65	?	2·1	70	56	50	0·4	c.	c. bc.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 7TH

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
870	16·1	65·5

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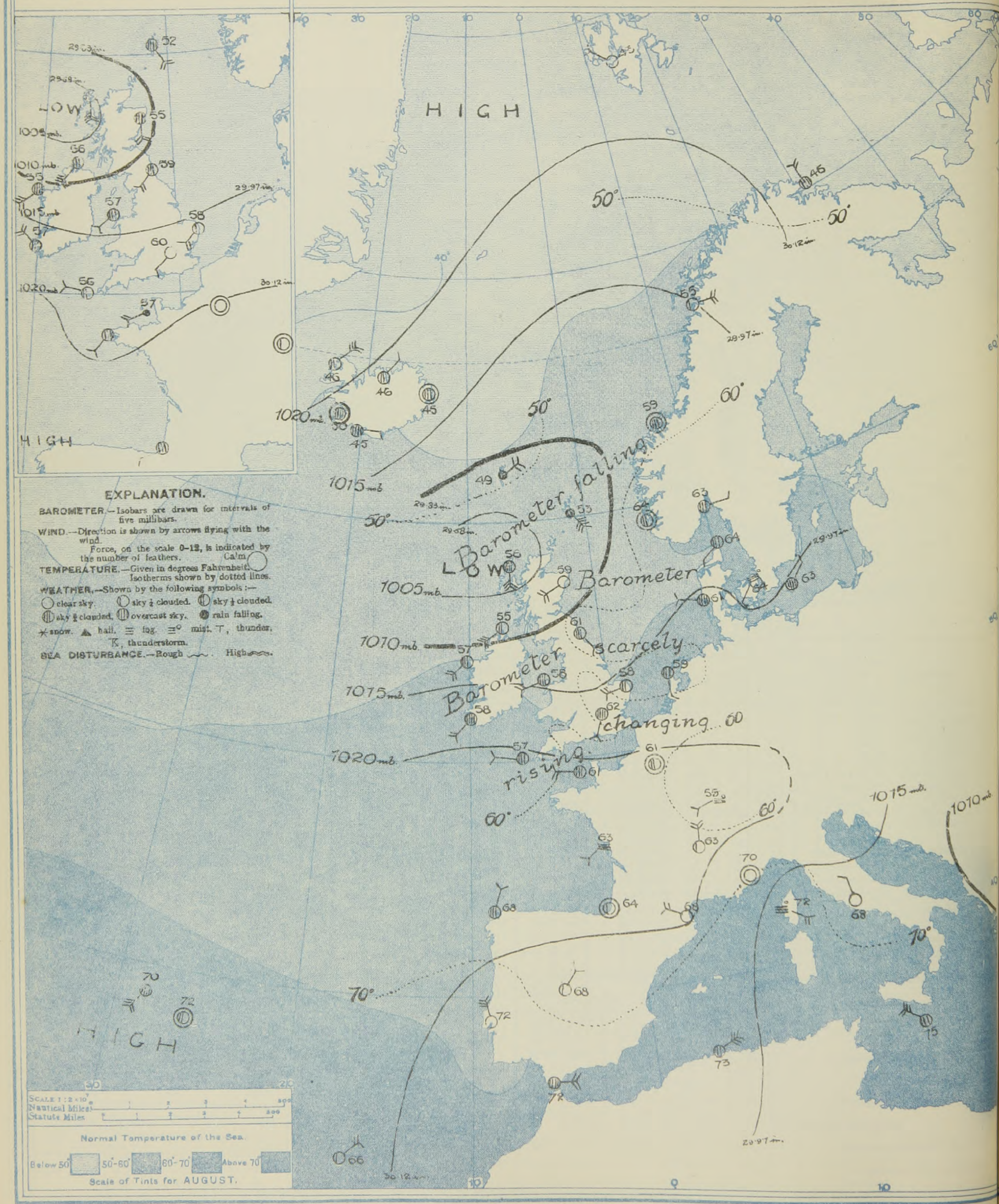
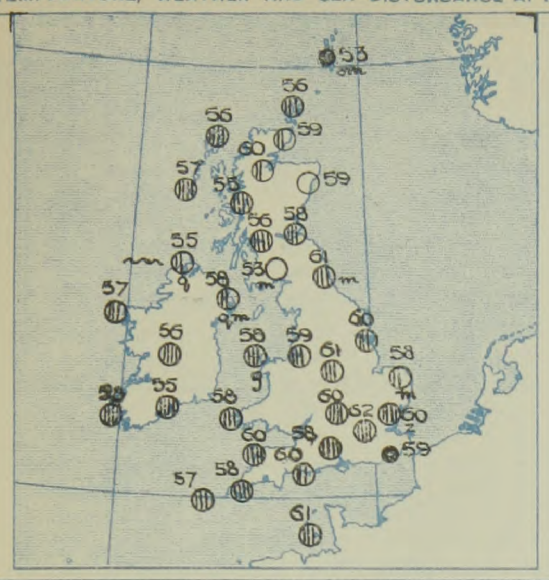
‡ The barometric change is expressed in half-millibars.

8TH AUGUST at 1h. G.M.T.

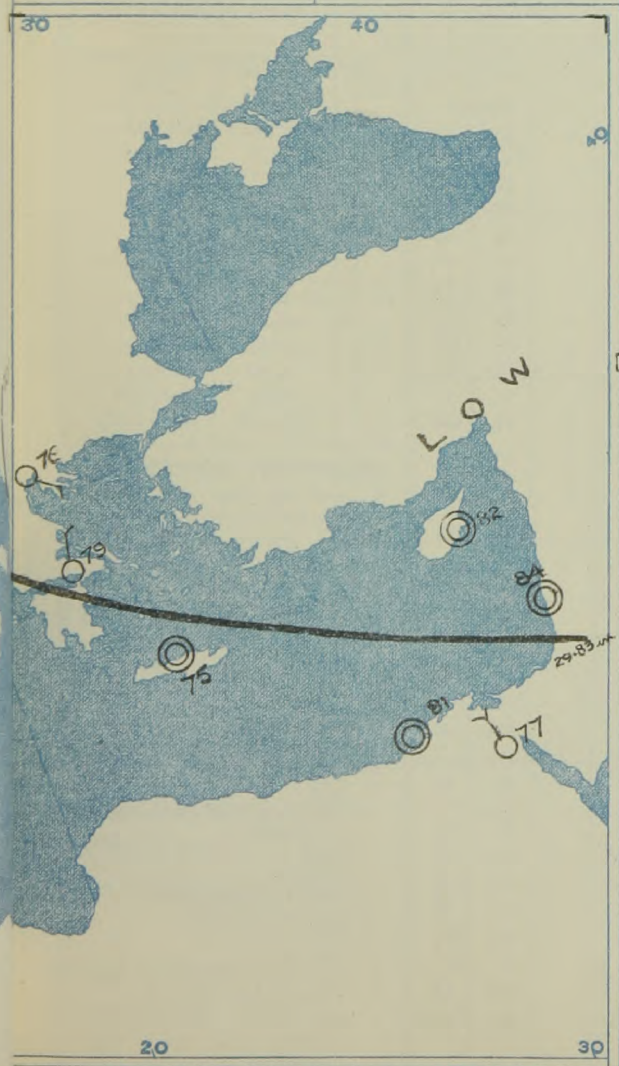
THE MORNING OF THURSDAY, 8TH AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hrs. ended at 7h.

Rain was chiefly confined to the north of Scotland and adjacent islands; 8 mm. fell during the night at Lerwick. In other districts there were passing showers or slight drizzle. Sunshine was deficient in the north but some southern stations registered from 6 to 8 hours. Temperature showed a distinct increase in the southern districts, the maximum reaching 75° at South Farnborough.

The Conditions at 7h. Today

The depression which was off the west of Ireland has moved north-eastward and now lies over the Hebrides. Winds have become moderate from WSW. over the greater part of the British Isles, but a freshening Southerly wind is blowing in the north of Scotland. Skies are mainly cloudy or overcast and rain is falling locally in the south-east.

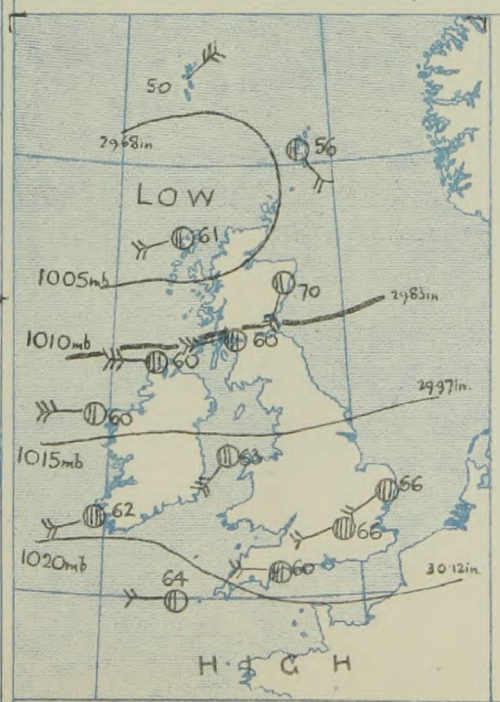
Pressure has fallen somewhat at the Azores and also at Spitzbergen. In the Mediterranean generally fine quiet conditions prevail, but a strong ENE. wind is blowing at Algiers.

The Outlook

Further north-eastward progress of the depression is probable leaving a Westerly type of distribution over these Islands. Light to moderate Westerly winds- perhaps becoming north west over Ireland- and generally fair weather with local showers are anticipated.

E.G.B.

THURSDAY, 8th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The morning inference is confirmed.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 229. {THURSDAY, 8TH AUGUST.

	STATIONS.	Evening of 7th: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 8th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h. 8th: Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 7th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1014.6	53	ENE	4	om	1008.9	−6	53	+1	SE	7	-	omr	3	8	56	51	om	om	omr	*
	Deerness (Orkney)	1012.2	54	ESE	4	o	1005.4	*	56	+1	S	3	SW	c	3	2	59	53	o	o	o.o.c.	2.0
	Stornoway ...	1009.0	58	S	3	ofp	1002.4	−3	56	−2	S	5	-	o	4	7	61	54	oz.	ofp.	o.bofp.	0.2
	Castlebay (Barra Isd.)	1006.4	57	SSE	4	r	1004.6	+1	57	0	SW	5	-	o	5	2	60	57	c.o.	om.	rofp.c.o.	2.1
	Glasgow ...	1011.2	65	SSW	3	omg	1010.0	0	56	+1	SW	4	-	o	*	0.1	71	54	odfp.cz.	bc.c.om	omgdfp	2.6
	Eskdalemuir ...	1012.1	61	S	3	om	1011.5	+1	53	+3	SW	5	-	om	*	2	69	48	ow.b.bc	bcy.cz.	odm.om	7.2
	Malin Head ...	1008.4	60	SSW	3	c	1008.7	+2	55	−1	SW	5	W	bc	5	0.3	68	54	bc.	cfp.	cgfp	5.6
	Blacksod Point	1008.9	59	NW	4	bcmfp	1012.4	+4	57	+1	SW	4	-	c	4	3	61	53	omd	omfp	omfcfp	*
	Valencia (Cahirciveen)	1014.7	60	WSW	4	c	1018.2	+3	58	+1	SW	3	SW	o	4	2	62	56	ordfp.c.	c.o.c.	ac.bcco	1.1
	Roche's Point	1014.0	63	WSW	3	bc	1017.9	*	55	0	SW	3	-	o	3	1	66	54	odf.	fd.bc.	bc.b.o.	*
	Birr Castle ...	1011.6	63	W	2	c	1015.5	*	56	+2	SW	1	-	o	*	1	65	51	c.o.	ofp.c.	c.o.	3.9
	Donaghadee ...	1010.6	62	SSW	4	ogmq	1011.6	+2	58	+1	SW	4	SW	bcmq	3	-	68	54	om.bcm	bcm.	bcmbm	*
	Liverpool (Bidston)	1013.6	68	WSW	3	b	1014.8	+1	59	+1	WSW	3	W	c	2	1	69	56	o.b.o.	c.bc.	bc	8.1
	Holyhead ...	1013.7	59	SW	5	ofdm	1014.9	+2	58	0	WSW	3	W	cg	2	0.1	66	54	cf.bcf.	b.bc.c.o.	ofd.c.	6.7
	Pembroke (St. Ann's)	1015.8	58	S	3	odm	1017.8	+2	58	0	SW	3	W	c	3	0.4	62	57	c	c.ofd.	ofd.c.	6.0
	Hartland Quay	1016.9	60	SSW	3	odm	1019.0	+1	60	−1	W	3	-	o	4	1	62	59	om.c.	o.odm.	odmo	*
	Scilly (St. Mary's)	1017.7	59	WNW	3	c	1020.8	+2	57	+1	WNW	2	NW	c	4	1	64	55	b.bc.c.	c.omd.c.	bc.c.	5.3
	Falmouth ...	1017.2	60	SSW	3	odm	1019.8	+2	58	0	W	2	-	o	*	1	66	56	cg.bc.	c.codm.	o.c.a	6.6
	Jersey (St. Aubin)	1019.2	64	WNW	3	b	1020.1	*	61	+1	W	3	W	c	2	Trace	66	57	cg.bc.	bc.b.	o.bofp.c.	6.5
	Portland Bill ...	1016.7	61	WSW	5	bc	1017.7	+2	60	−1	W	4	W	c	4	1	66	58	b.	b.bc	bc.c.	*
	Dungeness ...	1016.9	63	WSW	2	c	1017.5	0	59	+2	SW	3	-	r	3	0.4	68	56	bc.	bc.	bc.od	*
	Wick	1010.9	54	SE	3	omg	1005.2	−1	59	+5	S	3	-	bc	4	1	59	53	omg	omg	omg.bc	*
	Nairn	1009.6	61	-	0	ogu	1005.6	*	60	+5	S	1	-	bc	1	3	63	51	cg	hc.	h.ro.	2.0
	Aberdeen ...	1012.7	57	SSE	2	om	1008.1	0	59	+4	SW	4	-	bg	2	-	59	55	m.om.	o.c.o.	omo.b.	0.6
	Leith	1010.5	62	NE	1	c	1009.2	0	58	+2	WSW	2	W	c	2	-	66	56	mo.c.bc.	bcz.c.	czouc	*
	Tynemouth ...	1013.7	59	ESE	2	cm	1012.0	0	61	+4	SE	2	-	cm	3	-	62	56	om	cm	om	*
	Spurn Head ...	1016.0	60	SE	3	bc	1014.5	0	60	+1	SW	3	-	c	3	-	63	58	cv.	cv. bc.	c	2.5
	Yarmouth (Gorleston)	1017.6	63	SE	2	b	1015.5	−1	58	−1	WSW	3	-	bcm	3	-	67	56	o	o.b.	b bcm	2.6
	Clacton-on-Sea	1015.9	65	SSE	2	cz	1017.1	0	60	+1	SW	3	-	oz	2	-	68	58	bc.ogm	ogm.cz.	bcm.oz	2.9
	Nottingham ...	1014.1	72	SSW	1	b	1014.7	*	61	0	SW	2	W	c	*	-	74	58	c.	c.bc	bc.b.	8.6
	Benson (Oxon.) ...	1015.5	69	SE	1	c	1016.2	+1	60	0	W	2	-	o	*	0.2	74	55	bz.	bz.	dc.om.	*
	Sth Farnborough	1016.2	68	SSW	3	oz	1016.8	0	60	0	WSW	3	-	odm	*	1	75	54	om.cz.	czy.oz.	ozbcodm	5.0
	Salisbury Plain	1007.9	64	WNW	3	o	1017.5	+1	58	0	WSW	2	SW	o	*	0.4	73	55	bc.cz.	c.o.	c.ofdc	7.8
	London (Kew Obsy.)	1016.3	71	S	2	bz	1016.9	0	62	+2	SSW	2	-	o	*	0.2	74	57	om.o.c.	coc.bcz.bz	bz.bcod	2.7
NORTHERN EUROPE.	Spitsbergen ...	1022.2	46	SE	1	c	1021.6	0	43	−2	NW	2	*	b	*	*	52	37				
	Vardö	1022.6	45	N	3	bc	1022.4	0	46	+3	N	3	-	o	3	*	48	41				
	Bodö	1015.1	57	E	4	b	1015.0	0	55	0	E	4	-	b	2	-	63	54				
	Christiansund ...	1012.6	57	-	0	b	1013.0	0	59	+2	-	0	N	c	2	-	61	52				
	Skudesnaes ...	1012.3	63	NW	3	b	1013.0	0	64	0	-	0	-	bc	0	-	66	54				
	Færder (X'tania Fjord)	1013.1	61	SE	1	c	1014.7	+1	63	−1	E	1	-	c	1	2	68	61				
	The Scaw (Skagen)	1011.4	66	SSE	2	bc	1013.9	+1	64	−4	SW	1	W	c	1	-	72	61				
	Blaavands Huk	1013.4	66	NNW	1	b	1016.6	+1	61	+4	WNW	2	-	o	*	-	68	57				
	Copenhagen ...	1012.7	66	SW	2	c	1015.9	+2	64	+1	SW	1	-	m	*	-	68	61				
	Bornholm ...	1012.3	64	ENE	2	c	1016.0	+2	63	0	NE	1	-	o	0	-	64	59				
FRANCE, &c.	The Helder ...	1015.5	63	WNW	2	o	1017.2	0	59	−2	SSE	1	-	c	0	-	63	55				
	C. Gris Nez ...	1017.1	63	-	0	o	1019.0	0	59	0	WSW	3	*	o	3	-	70	57				
	La Hève	1020.0	66	WNW	2	m	1020.2	*	59	0	WSW	4	*	o		?	68	57				
	Brest (St. Mathieu)	1019.8	61	S	4	f.	1021.9	+1	59	0	W	2	*	o	2	-	66	57				
	Rochefort (Ile d'Aix)	1022.3	64	WNW	4	bc	1022.2	0	63	0	SW	2	*	f	*	-	70	61				
	Biarritz	1022.2	72	N	2	b	1023.5	+1	64	0	-	0	*	b	2	-	75	59				
	Paris	1018.4	68	W	2	c	1021.5	+1	61	+2	-	0	-	bc	*	-	72	54				
	Belfort	1019.0	61	W	1	c	1022.8	*	55	+3	WSW	2	*	m	*	1	72	48				
	Lyons	1018.7	66	N	2	c	1021.5	*	63	+5	N	4	*	b	*	1	71	57				
	Nice	1010.2	72	SE	2	b	1015.4	+3	70	−3	-	0	*	b	1	-	82	61				
	Perpignan ...	1017.8	72	N	3	b	1020.8	+3	68	+2	WNW	3	-	b	*	-	79	63				
	Sanguinaire ...	1012.2	68	NW	3	m	1014.6	*	72	+2	SE	3	*	m	5	-	82	55				
IBERIA, &c.	Corunna	1023.6	66	NNW	2	o	1024.6	+1	68	+5	NNE	2	-	c	2	-	68	63				
	Madrid	1013.2	84	-	0	b	1020.0	+3	68	0	NE	2	S	b	*	-	88	63				
	Lisbon	1016.6	77	N	5	b	1017.1	+2	72	+8	NNW	5	-	b	5	-	81	64				
	Azores (Horta) ...	1025.5	*	S	4	b	1023.1	−1	70	+2	SSW	5	*	o	3	-	79	70				
	,, (P. Delgada)	1025.6	*	WSW	3	bc	1024.8	0	72	+2	-	0	*	bc	2	-	79	68				
	Madeira	1021.8	73	NE	3	o	1022.0	0	66	0	NE	3	-	b	3	-	73	64				
	Gibraltar	1015.9	67	E	3	bc	1017.6	*	72	0	E	4	*	o	2	-	80	67				
	Palma																					
MEDITERRANEAN.	Algiers	1015.0	77	N	3	b	1017.8	+2	73	−4	ENE	6	E	c	5	-	82	73				
	Malta	*	*	*	*	*	1014.6	+3	75	0	NW	5	-	c	3	-	84	73				
	Salonica	1005.7	79	NW	1	b	1007.8	+2	76	−4	SE	1	-	b	*	-	93	70				
	Athens	1007.6	79	SSW	1	b	1007.9	+2	79	0	-	0	-	b	0	-	90	73				
	Candia	1008.8	77	-	0	b	1009.2	+1	75	−4	-	0	-	b	0	-	88	72				
	Limassol	*	*	*	*	*	1007.1	+2	82	+1	-	0	-	b	0	-	90	72				
	Alexandria ...	1009.5	79	NW	3	b	1011.5	+3	81	+2	-	0	-	b	0	-	90	75				
	Cairo (Helwan) ...	1008.4	90	N	3	b	1010.8	+2	77	−4	N	2	-	b	*	-	101	70				
	Jerusalem ...	*	73	WNW	2	b	*	0	73	−2	WNW	1	-	b	*	-	88	63				
	Ramleh	1009.1	81	-	0	b	1009.9	+2	84	+2	-	0	-	b	*	-	93	68				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

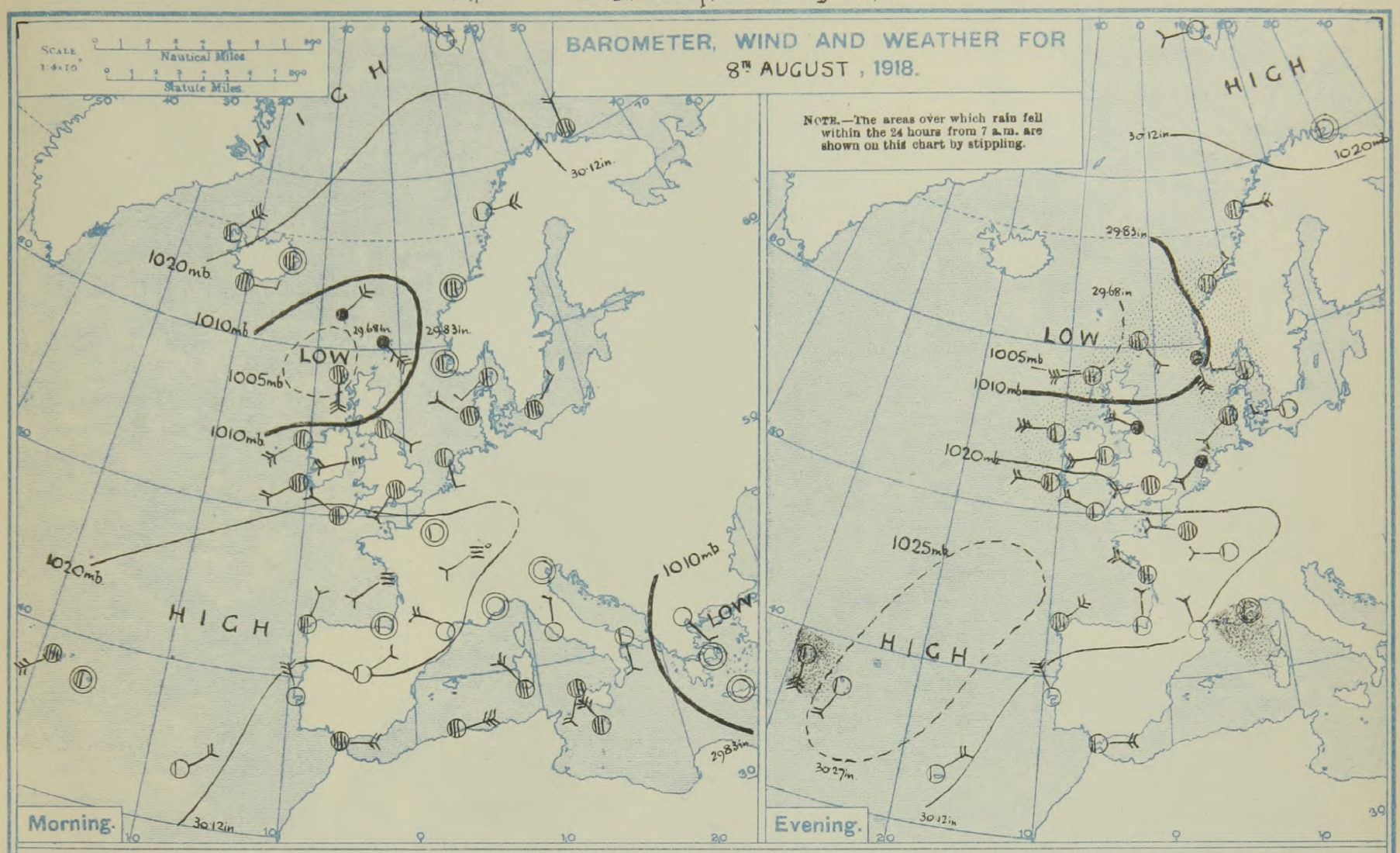
No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,714 — Friday, 9th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 8TH AUGUST

	STATIONS.	Evening of 7th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 8th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F.					°F.	°F.
RUSSIA.	Archangel ...														*	
RUSSIA.	Petrograd ...															
RUSSIA.	Moscow														*	
SWEDEN.	Hernösand ...	1015·4	57	NNE	4	0		*						*	*	*
SWEDEN.	Stockholm ...	1014·0	63	NE	2	0		*						*	*	*
SWEDEN.	Wisby	1013·6	66	SSE	2	b		*						*	*	*
ITALY.	Venice						1015·4	*	68	+13	-	0	b	5	68	50
ITALY.	Turin	1014·1	68	-	0	b	1016·1	*	70	-3	-	0	b	-	81	57
ITALY.	Pesaro	1012·3	68	N	1	b	1016·1	*	73	-4	-	0	b	-	82	55
ITALY.	Leghorn ...	1012·5	72	-	0	b	1014·9	*	70	-2	-	0	b	-	75	63
ITALY.	Rome	1010·5	72	SW	1	b	1014·9	*	68	-7	N	1	b	-	81	63
ITALY.	Viesti						1012·2	*	73	-4	NW	5	c	-	84	66
ITALY.	Brindisi						1010·1	*	73	-2	SE	5	b	-	84	72
ITALY.	Cagliari						1014·9	*	72	-1	NW	3	b	-	88	71
ITALY.	Palermo						1014·1	*	77	+9	SSW	3	0	-	94	?
ITALY.	Tripoli							*								

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F.	°F.			
Isafjord ...	1022·4	46	-4	NE	5	bc
Reykjavik	1017·1	50	-2	-	0	0
Vestmanna	1018·3	45	-3	E	1	0
Seydisfjord	1019·0	45	0	-	0	c
Thorshavn	1009·0	49	-3	NE	4	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

9th and 10th Aug. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·26	11·58	7·31
	4·27	11·58	7·29
Greenwich	4·37	12·5	7·34
	4·38	12·5	7·32
Wick	4·22	12·17	8·13
	4·24	12·17	8·10
Valencia	5·16	12·46	8·18
	5·17	12·46	8·16

LONDON, 9th August, 9h. G.M.T.	Humidity 15 h. 8th	Humidity 9 h. 9th	Sunshine for 8th	24 Hours ended 9 h. 9th: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	56	66	2·1	71	52	44	-	c	o	o.c.b.co
CITY (Bunhill Row)	*	*	1·9	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	72	75	2·0	69	52	50	-	*	*	*
" (Roof near Charing Cross) ..	61	69	2·5	70	53	*	-	c.bc.o.	c.o.	*
CAMDEN SQ. (British Rainfall)	63	71	2·1	72	51	49	-	o.c.	c.	*
KENSINGTON PALACE	61	71	2·4	69	52	45	-	c.	c.o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 8th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
980	18·1	71·5

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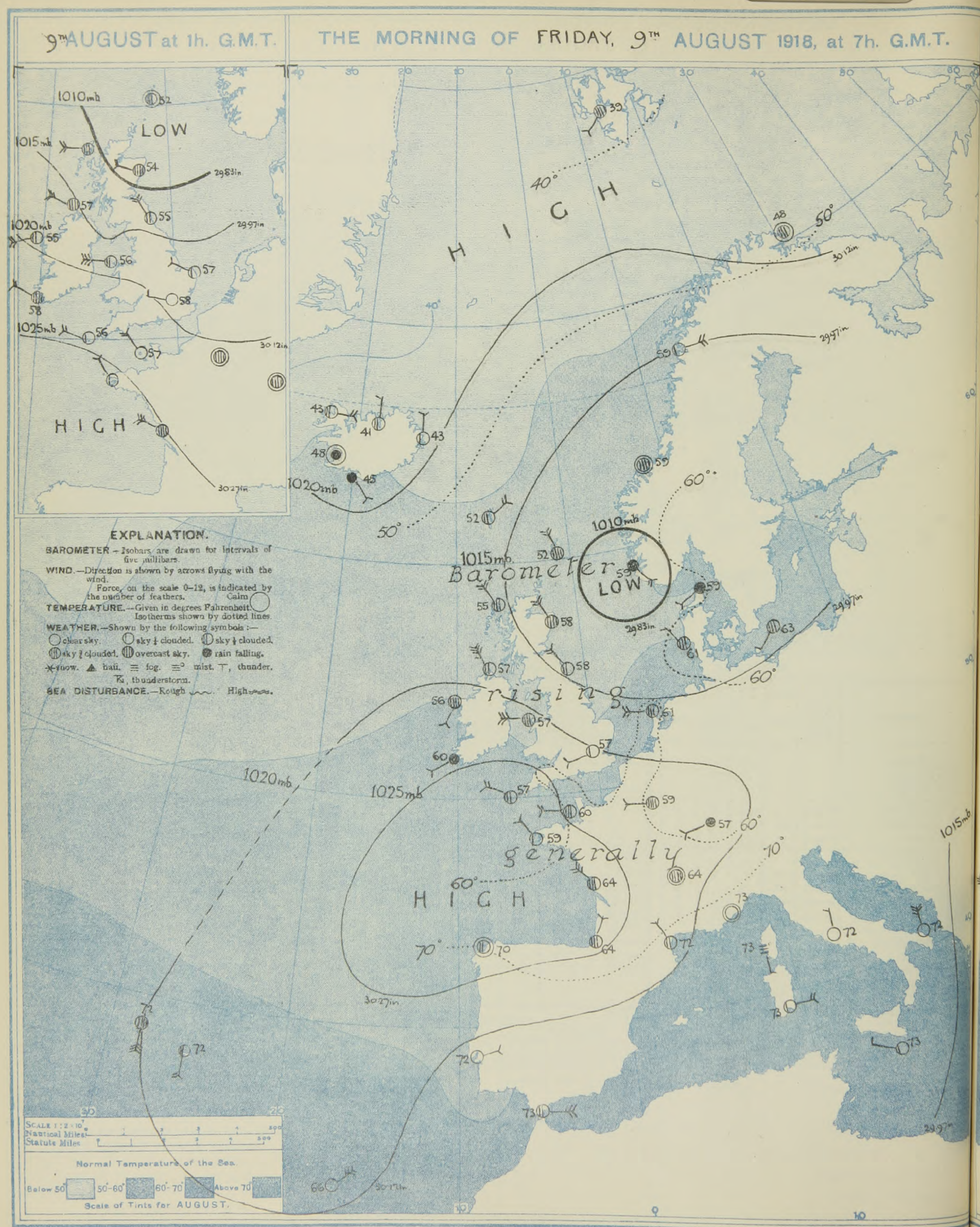
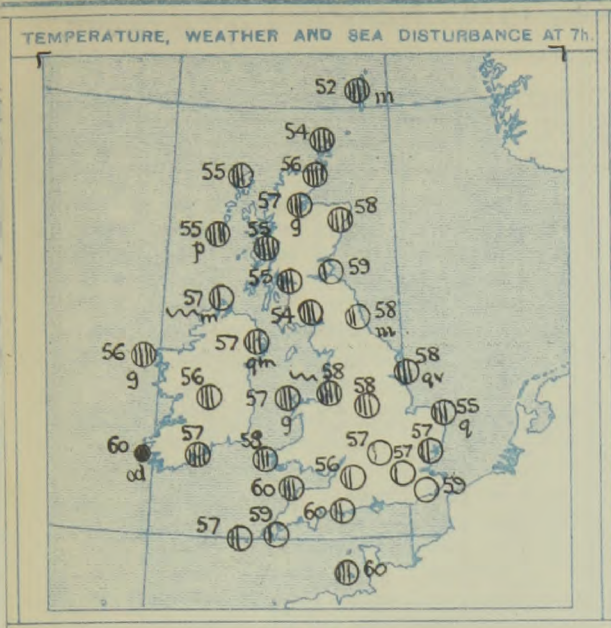
‡ The barometric change is expressed in half-millibars.


9TH AUGUST at 1h. G.M.T.
THE MORNING OF FRIDAY, 9TH AUGUST 1918, at 7h. G.M.T.
LOW
HIGH
1010mb
1015mb
1020mb
1025mb
2983in
2997in
3012in
3027in
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
clear sky. sky ¼ clouded. sky ½ clouded.
sky ¾ clouded. overcast sky. rain falling.
snow. hail. fog. mist. thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High.
Barometer rising generally
LOW
HIGH
SCALE 1 : 2 × 10⁷
Nautical Miles
Statute Miles
Normal Temperature of the Sea.
Below 50° 50°-60° 60°-70° Above 70°
Scale of Tints for AUGUST.



GALES.

Notes on the Weather of the 24 hrs ended 7h. Today

10 mm. of rain fell in the Orkneys and smaller amounts at Scottish stations in passing showers. In other districts there was very little precipitation. Air temperature was moderate and 70° F. was reached at Aberdeen and London only. 9 hours of sunshine were recorded at Aberdeen but at most of the English stations less than 3 hours were measured. Fog prevailed during the morning and night at Lerwick.

The Conditions at 7h. Today

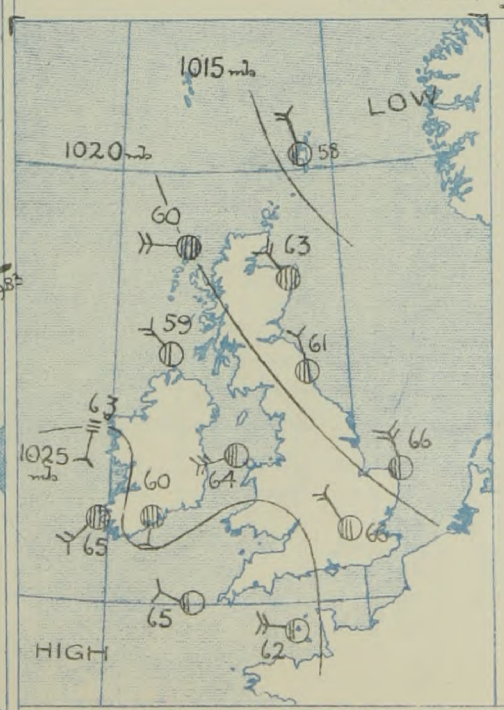
The depression which was yesterday over the Hebrides has moved east-north-eastward and is now centred near Skudesnaes on the south-west coast of Norway. A general rise of the barometer over the United Kingdom has occurred since yesterday. The anticyclone recently over the Azores has moved north-eastward and pressure now exceeds 1027 mb. over the Bay of Biscay. Except in the west and south of Ireland where light SW. breezes are blowing, moderate to fresh NW. winds prevail over these Islands. Drizzling rain is falling at Valencia but elsewhere weather is fair or cloudy.

The Outlook

The anticyclone in the south will probably become the dominant influence over France, the English Channel and our Southern districts. Winds will moderate gradually, becoming light in the south-west, and generally fair weather may be anticipated today and probably also tomorrow.

E.S.B.

FRIDAY, 9th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer continues to rise generally. This morning's inference is confirmed.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 221.

FRIDAY, 9TH AUGUST.

	STATIONS.	Evening of 8th: Barom. Millibars at M.S.L.	Temp.	Wind: Direc.	Wind: Force 0-12.	Weather.	Morning of 9th: Barometer: Millibars at M.S.L.	Barometer: Change in 3 hours.	Temp.: Dry Bulb.	Temp.: Change in 24 hours.	Wind: Direc.	Wind: Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h 9th: Rainfall. Millimetres.	Temp.: Max.	Temp.: Min.	Weather: Morning.	Weather: Afternoon.	Weather: Night.	Sunshine for 8th
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1007.5	56	SE	3	cm	1011.2	+3	52	-1	NNW	4	-	om	2	2	57	50	f	bcm.	fe.	*
	Deerness (Orkney)	1005.4	57	SW	3	or	1012.5	*	54	-2	NW	3	-	o	3	10	63	52	cr	r. or.	rmo.	4.6
	Stornoway ...	1005.0	59	WSW	5	cf	1016.0	+5	55	-1	NW	4	-	c	3	3	63	54	o. bcf.	bc. cf.	cfq	4.3
	Castlebay (Barra Isd.)	1008.1	57	WNW	4	of	1017.9	+5	55	-2	NW	3	-	of	3	1	60	54	or. o.	of	bcof.	0.7
	Glasgow ...	1011.1	58	WSW	5	c	1017.3	+5	55	-1	W	2	NW	c	*	2	62	54	c of. c.	cqf.	c of. c.	1.4
	Eskdalemuir ...	1012.6	58	W	5	cv	1016.9	+4	54	+1	WNW	3	-	c	*	4	61	52	om. ogf	c of. cv.	cv. of. o.	2.3
	Malin Head ...	1012.0	58	W	7	bcq	1018.4	+5	57	+2	NW	5	NW	bcm	6	1	62	53	bcqf	bcqf.	bcmof	8.4
	Blacksod Point	1016.9	58	WSW	5	bcm	1022.1	+3	56	-1	SSW	2	-	oq	3	-	61	54	cmf	bcm.	bcm.cm	*
	Valencia (Cahirciveen)	1021.8	61	W	3	c	1024.5	+2	60	+2	SW	2	-	od	3	0.4	63	56	o.c.o.	o. c. c.	c.b.bc.o.	3.9
	Roche's Point	1020.5	62	W	4	c	1024.6	*	57	+2	SW	1	-	o	1	0.2	64	54	o	o. c.	bc.bw.o.	*
	Birr Castle ...	1019.1	58	W	2	o	1023.4	*	56	0	SW	1	W	c	*	0.1	63	51	c. of.	c. of.	c.	2.2
	Donaghadee ...	1013.4	63	W	5	cmqf	1018.8	+3	57	-1	WNW	4	W	cmq	3	1	67	56	bcmqf	bcmqf	cmqf	*
	Liverpool (Bidston)	1016.0	63	WSW	4	bc	1019.6	+4	58	-1	W	6	W	o	5	-	66	57	o.c.	b.bc.	oq	5.1
	Holyhead ...	1016.9	58	WSW	4	cg	1021.2	+2	57	-1	W	5	NW	cg	4	-	63	55	c.bc.cf.	c.o.bcg.	b.bc.c.	2.2
	Pembroke (St. Ann's)	1020.4	59	WSW	4	c	1024.3	+4	58	0	W	3	-	c	3	-	61	56	c	c	c.bc.b	0.9
	Hartland Quay	1022.0	61	W	5	o	1025.4	+3	60	0	NW	3	NW	c	4	Trace	62	58	o.of.q.o	of.q.o.	o.c.	*
	Scilly (St. Mary's)	1023.0	62	WNW	3	bc	1026.5	+2	57	0	WNW	3	NW	bc	3	0.1	67	55	bc	bc	b.bcw	4.5
	Falmouth ...	1022.5	62	W	4	cg	1025.6	+2	59	+1	NW	3	-	b	*	-	68	55	o c.	bc. cy	b	3.2
	Jersey (St. Aubin)	1022.8	63	W	3	o	1024.6	*	60	-1	W	3	W	c	2	-	66	58	c.b.o.	o. bc.o.	bw.c	5.8
	Portland Bill ...	1019.8	60	W	5	c	1023.0	+1	60	0	WNW	4	W	bc	3	-	63	56	bc.c.	c.	bc.	*
	Dungeness ...	1017.9	62	WSW	4	c	1019.1	+2	59	0	NW	3	-	b	2	0.2	66	51	od. bcq	c	c.bc	*
	Wick	1005.7	60	W	2	of	1013.3	+5	56	-3	WNW	3	-	o	2	2	65	53	bc	bcmf	omfg	*
	Nairn	1006.6	59	W	2	cu	1014.4	*	57	-3	W	1	-	cg	1	-	67	55	q. bc.	q. bc.c.	cg	6.4
	Aberdeen ...	1007.4	63	WSW	3	o	1013.2	+5	58	-1	WNW	4	-	o	2	0.3	71	54	b. bcqy	bcqy.o.	of.c.o.	9.0
	Leith	1010.0	61	WSW	4	bc	1014.4	+2	59	+1	W	3	-	b	3	-	66	55	cu.bc.c.	c.bcu.c.	cf.cu.b	*
	Tynemouth ...	1012.7	60	WNW	4	cmf	1014.9	+1	58	-3	WNW	3	NW	bcm	3	1	67	55	cm	cmf	bmq	*
	Spurn Head ...	1015.8	63	W	3	c	1016.7	+1	58	-2	WNW	4	-	cqN	4	-	66	55	cq	bc.c.	cqN.	1.7
	Yarmouth (Gorleston)	1016.3	63	NW	2	c	1017.7	+2	55	-3	WNW	5	-	cq	3	-	69	52	bcm.c.	c.	c.bc.c	2.7
	Clacton-on-Sea	1018.0	64	WSW	3	o	1019.9	+4	57	-3	WNW	3	NW	bc	2	-	68	54	?	?	o.c.bc.	0.7
	Nottingham ...	1016.6	63	WSW	3	bc	1018.8	*	58	-3	WSW	3	W	cm	*	-	66	53	c.o	c.bc.	bc.c.	3.1
	Benson (Oxon.) ...	1018.3	62	W	3	o	1020.9	+3	57	-3	WNW	2	-	b	*	-	67	47	bc.o.	o	o.bcm	*
	Sth Farnborough	1019.2	62	W	3	o	1021.5	+3	57	-3	W	4	NW	b	*	0.1	67	48	odm.	c.o.o.	o.bc.bw	1.6
	Salisbury Plain	1020.1	60	WSW	5	r	1022.5	+3	56	-2	WNW	3	NW	bc	*	-	67	48	?	o	o.bcwm	1.2
	London (Kew Obsy.)	1018.8	64	WSW	2	o	1021.2	+3	57	-5	WSW	2	NW	b	*	Trace	68	52	ho.	o	o.bc.bmw	2.0
NORTHERN EUROPE.	Spitsbergen ...	1021.6	46	W	2	b	1022.6	0	39	-4	SW	2	*	o	*	*	50	36				
	Vardö	1021.4	45	-	0	b	1021.8	0	48	+2	-	0	-	c	2	*	48	41				
	Bodö	1015.4	57	E	4	c	1015.0	0	59	+4	E	4	-	b	2	-	61	52				
	Christiansund ...	1011.9	59	NE	1	o	1011.2	0	59	0	-	0	-	o	2	8	63	52				
	Skudesnaes ...	1009.8	61	SSE	5	r	1009.8	+1	59	-5	SE	3	-	r	3	27	63	57				
	Færder (X'iania Fjord)	1013.5	63	SSW	4	o	1011.1	-1	63	0	ESE	4	-	o	2	-	70	61				
	The Scaw (Skagen)	1014.3	64	W	1	c	1011.0	+1	59	-5	SW	2	-	r	2	2	68	57				
	Blaavands Huk	1016.8	63	SW	2	o	1013.6	+1	61	0	NW	1	-	c	*	6	68	57				
	Copenhagen ...	1016.4	68	NNE	2	c	1013.0	-1	64	0	SW	2	-	o	*	Trace	72	61				
	Bornholm ...	1017.2	63	W	1	m	1014.3	-1	63	0	SW	1	SW	c	o	-	64	59				
FRANCE, &c.	The Helder ...	1016.4	61	SW	3	r	1015.8	+1	61	+2	W	4	-	c	3	Trace	64	59				
	C. Gris Nez ...	1017.4	61	WSW	5	o	1020.6	+2	57	-2	W	3	*	c	4	-	68	57				
	La Hève	1022.0	61	NW	4	o	1024.0	*	59	0	WNW	4	*	o	1	8	68	57				
	Brest (St. Mathieu)	1024.8	63	WNW	1	o	1027.1	+2	59	0	NW	2	*	b	1	-	68	57				
	Rochefort (Ile d'Aix)	1023.8	66	WNW	4	c	1025.2	+1	64	+1	NW	5	*	c	*	4	68	63				
	Biarritz	1024.0	70	NNE	2	b	1025.6	+2	64	0	NNE	2	*	c	1	-	73	63				
	Paris	1021.4	70	W	2	o	1022.7	+1	59	-2	W	2	-	o	*	-	72	55				
	Belfort	1020.6	68	W	2	b	1022.7	*	57	+2	WSW	2	*	r	*	?	75	54				
	Lyons	1021.5	63	N	4	b	1023.0	*	64	+1	-	0	*	o	*	-	75	59				
	Nice	1017.6	66	-	0	b	1018.4	+1	73	+3	-	0	*	b	0	-	75	59				
	Perpignan ...	1020.0	77	NNW	2	b	1023.0	+2	72	+4	NNW	2	-	b	*	12	83	64				
	Sanguinaire ...	1016.2	75	NW	2	m	1017.9	*	73	+1	S	1	*	m	?	3	?	?				
IBERIA, &c.	Corunna	1024.7	70	NNE	4	o	1024.4	+1	70	+2	-	0	NE	bc	1	-	72	64				
	Madrid														*							
	Lisbon	1016.6	81	NNW	5	b	1017.6	+1	72	0	ENE	2	-	b	5	-	88	72				
	Azores (Horta) ...	1022.3	*	S	6	bc	1020.0	0	72	+2	S	6	*	o	5	2	77	54				
	,, (P. Delgada)	1025.2	*	SSW	3	b	1024.2	0	72	0	S	3	*	bc	3	-	77	70				
	Madeira	1021.1	72	NE	3	b	1020.6	0	66	0	NE	5	-	b	4	-	73	64				
	Gibraltar	1018.3	75	E	4	bc	1018.6	*	73	+1	E	5	*	bc	3	-	80	70				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1017.9	+3	73	-2	WNW	1	-	b	1	-	77	70				
	Salonica	1006.7	81	SE	2	b	1012.3	+7	73	-3	NNW	5	-	b	*	-	97	70				
	Athens																					
	Candia†	1010.7	84	-	0	b	1009.8	0	77	+2	-	0	-	b	1	-	88	70				
	Limassol	*	*	*	*	*	1007.4	+1	82	0	-	0	-	b	0	-	93	66				
	Alexandria ...	1012.2	79	N	3	b	1011.4	0	79	-2	N	2	-	b	1	-	88	75				
	Cairo (Helwan) ...	1010.6	90	NNE	3	b	1010.2	+1	82	+5	N	2	-	b	*	-	101	72				
	Jerusalem ...	*	73	WNW	4	b	*	0	72	-1	NW	2	-	b	*	-	84	64				
	Ramleh	1010.2	81	-	0	b	1010.0	0	82	-2	-	0	-	bc	*	-	91	72				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

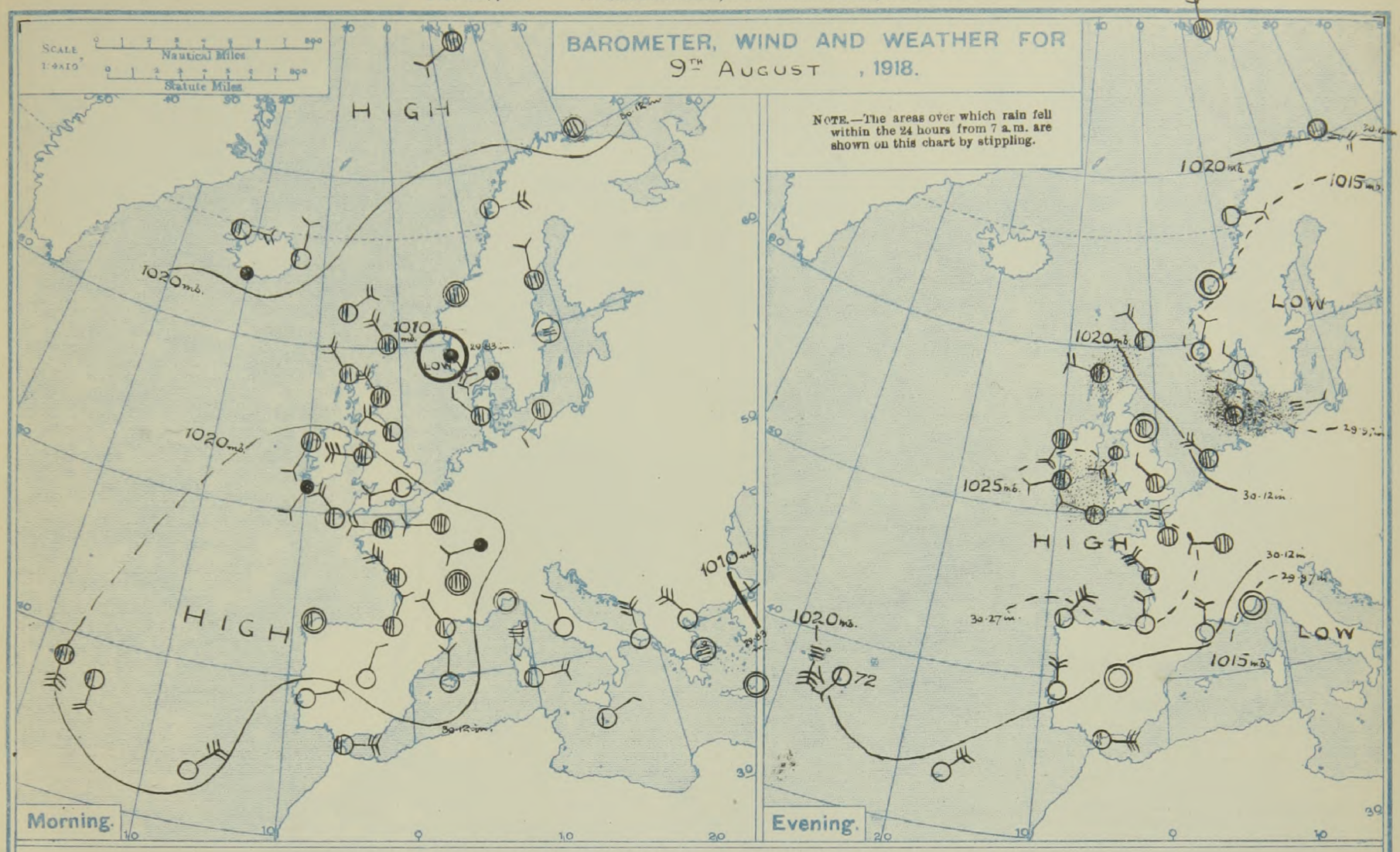
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,715. SATURDAY, 10TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 9TH AUGUST

	STATIONS.	Evening of 8TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 9TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
RUSSIA.	Petrograd ...															
RUSSIA.	Moscow														*	
SWEDEN.	Hernösand ...						1018·8	*	55		N	2	0	*	*	*
SWEDEN.	Stockholm ...						1017·6	*	55		-	0	f	*	*	*
SWEDEN.	Wisby						1016·0	*	63		SE	2	c	*	*	*
ITALY.	Venice						1018·1	*	70	+2	NNE	1	b	-	75	64
ITALY.	Turin						1018·7	*	68	-2	-	0	c	-	84	59
ITALY.	Pesaro						1018·5	*	77	+4	-	0	b	-	79	57
ITALY.	Leghorn ...							*								
ITALY.	Rome	1018·3	72	SW	1	b	1018·6	*	72	+4	N	1	b	-	84	61
ITALY.	Viesti	1016·9	75	NW	5	b	1018·8	*	76	+3	NW	3	b	-	76	64
ITALY.	Brindisi	1014·6	73	NW	5	b	1015·1	*	72	-1	N	5	b	-	73	70
ITALY.	Cagliari	1015·8	86	NW	3	b	1018·0	*	73	+1	E	3	b	-	88	70
ITALY.	Palermo							*								
ITALY.	Tripoli							*								

Morning of 9TH

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1023·5	43	-3	E	3	bc
Reykjavik	1020·4	48	-2	-	0	f
Vestmanna	1021·1	45	0	SE	2	r
Seydisfjord	1021·9	43	-2	N	2	b
Thorshavn	1015·8	52	+3	NE	3	bc

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

10TH AND 11TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·27	11·58	7·29
	4·30	11·58	7·26
Greenwich	4·38	12·5	7·32
	4·40	12·5	7·30
Wick	4·24	12·17	8·10
	4·26	12·17	8·8
Valencia	5·17	12·46	8·16
	5·19	12·46	8·14

LONDON ...10TH AUG. ...9h. G.M.T.	Humidity 15 h. 9TH %	Humidity 9 h. 10TH %	Sunshine for 9TH Hours.	24 Hours ended 9 h. 10TH: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	56	68	4·7	70	48	38	-	o.c.	o.c.	c.bc.bmur
CITY (Bunhill Row)	*	*	5·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	66	71	4·5	69	49	49	-	*	*	*
" (Roof near Charing Cross)	54	65	5·1	70	53	*	-	o.	bc.	*
CAMDEN SQ. (British Rainfall)	53	71	4·8	71	51	47	-	bc	bc.	*
KENSINGTON PALACE	55	69	5·2	70	49	39	-	bc	bc.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 9TH

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1220	22·6	81

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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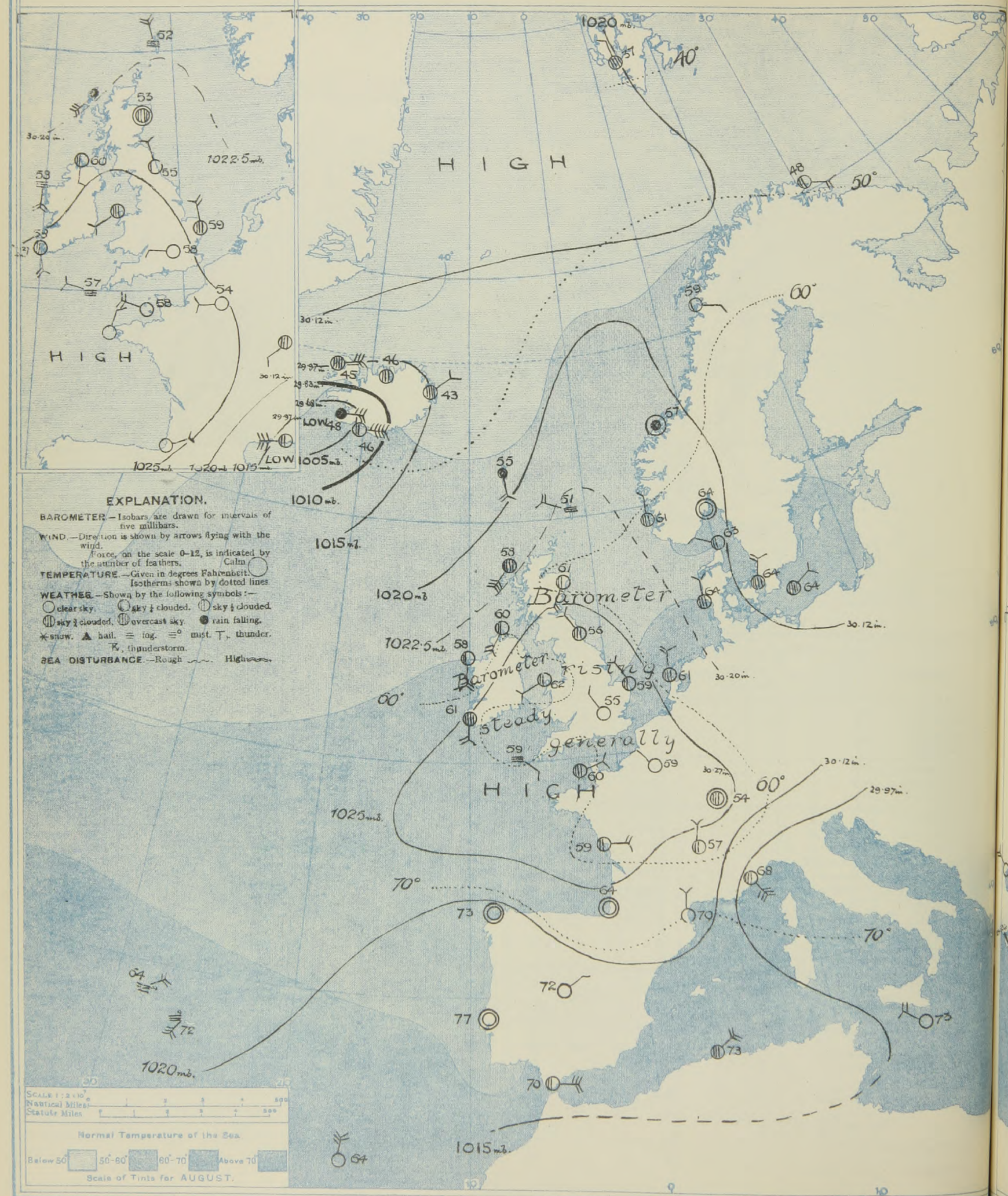
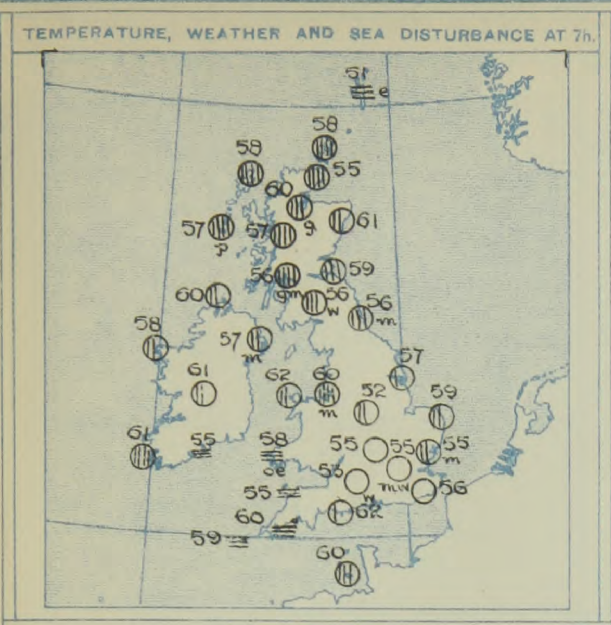
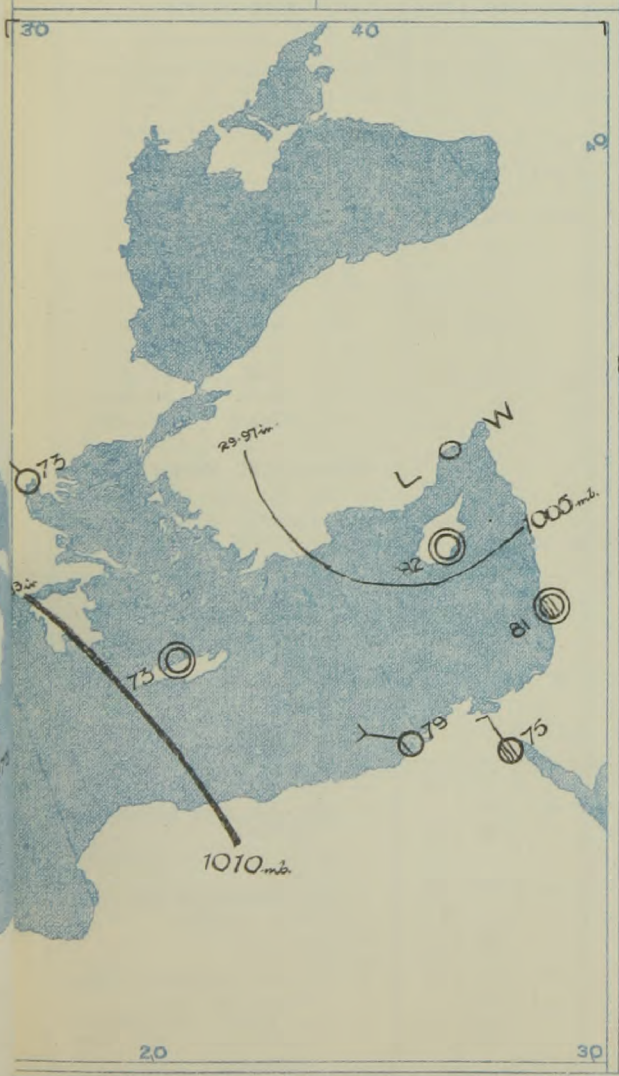
10th AUGUST at 1h. G.M.T.

THE MORNING OF SATURDAY, 10th AUGUST 1918, at 7h. G.M.T.





GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Except for passing showers in the west and north there was a great absence of precipitation. Sunshine was deficient at most of the Irish and Northern Scottish stations, but over ten hours were registered at Holyhead, Jersey and Salisbury Plain. Air temperature rose to 70° in the South of Ireland and locally in the south of England.

The Conditions at 7h. Today

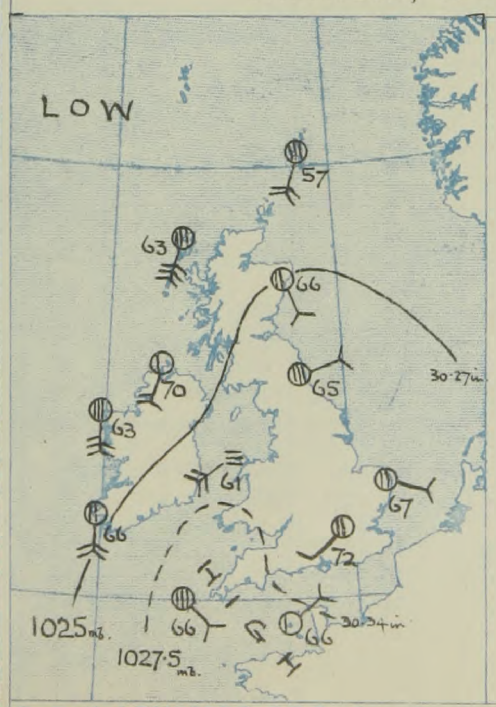
The anticyclone which lay over the Bay of Biscay yesterday morning has moved northward, and the highest barometer readings are now found at the Mouth of the Channel. Moderate to fresh S. to SW. winds are blowing on our Atlantic coasts, but elsewhere winds are light, the direction being NW. in the east, and S-SW. in the west and north. Skies are overcast over Scotland, and there are passing showers in the Hebrides, but fair or fine weather prevails generally in the south. Sea fog is reported from South-West England and the South of Ireland, and also at Lerwick.

The General Outlook

Fine, warm weather will probably prevail for at least the next day or two. The development of further depressions to the west and north-west of the British Isles is, however, not improbable.

H.H.

SATURDAY, 10th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is falling slightly on the West Coast of Ireland, but the anticyclone shows little change of position. Late morning reports show a new depression over Iceland which may affect our North-west coasts shortly.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 222.

SATURDAY, 10TH AUGUST

	STATIONS.	Evening of 9TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 10TH: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h 10TH: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 9TH. Hours.
BRITISH ISLANDS.	Lerwick ...	1017.2	55	NW	3	bcm	1022.9	+2	51	-1	WNW	3	-	fe	2	0.1	61	49	bc	bcm	fe	*
	Deerness (Orkney)	1019.6	56	WNW	4	o	1023.7	*	54	0	S	2	-	o	2	-	58	52	o.	o.	o.	0.3
	Stornoway ...	1021.3	59	WNW	3	c	1022.1	+2	58	+3	SW	6	-	o	5	1	62	55	c.o	c.	ofq	0.2
	Castlebay (Barra Isd.)	1022.9	58	SSW	3	c	1023.5	0	57	+2	SSW	3	-	ofr	3	0.3	59	55	ofr.c.	c.bc.	ofr.	6.5
	Glasgow ...	1023.1	61	WNW	3	bz	1026.0	+1	56	+1	SW	1	-	omg	*	-	65	52	c	bcv.bz.	bz.ow.	8.0
	Eskdalemuir ...	1023.0	58	W	4	bv.	1026.1	+2	56	+2	SE	2	-	cw	*	-	64	43	c.o.cg.o.	ov.bcv.	bv.cw.	5.2
	Malin Head ...	1023.3	61	SW	2	bc	1023.5	0	60	+3	SSW	3	SW	bc	2	-	62	55	bc	bc.	bc.	5.9
	Blacksod Point	1024.5	60	SSW	4	om	1022.8	+1	58	+2	S	4	S	bc	3	-	62	56	bcm	of	om.	*
	Valencia (Cahirciveen)	1026.5	63	WSW	2	c	1025.1	0	61	+1	S	3	S	o	3	0.1	66	58	od.o.	c.ofw.c.	c.o.bcc.	0.1
	Roche's Point	1025.5	68	W	2	b	1026.8	*	55	-2	SE	1	-	S	2	0.1	72	55	o.c.ofm	o.c.b.	b.of.	*
	Birr Castle ...	1024.5	65	SW	1	c	1026.6	*	61	+5	S	1	-	bc	*	0.2	67	54	ofm.	om.c.	c.	0.7
	Donaghadee ...	1024.2	58	E	2	bcv	1025.4	+1	57	0	SSW	2	S	bcm	1	-	62	55	cmq.cg	cg.bcm	cgv.og	*
	Liverpool (Bidston)	1024.4	63	W	3	b	1026.7	+1	60	+2	-	0	-	om	0	-	64	57	o.cg.	bc.b	b.om	5.9
	Holyhead ...	1024.9	62	SW	3	b	1026.7	+1	62	+5	SW	2	-	bc	0	-	66	56	c.bc.c.	?c.bc.b	b.bc.c.	10.1
	Pembroke (St Ann's)	1026.5	59	W	2	of	1027.6	+2	58	0	SSW	2	-	ofe	2	0.3	64	57	c.	c.o.of.	ofe	7.7
	Hartland Quay	1027.4	62	WSW	2	o	1027.9	0	59	-1	SW	1	-	odf	3	Trace	65	59	c.bc.b	bc.c.o.	omfdf	*
	Scilly (St. Mary's)	1028.1	63	WNW	2	bc	1028.4	0	59	+2	SE	1	-	f	3	0.3	65	56	bc	bc.	fe.f.	7.4
	Falmouth ...	1027.5	63	WNW	4	cz	1027.7	0	60	+1	NW	1	-	bm	*	-	69	57	b	bc.cz.	o.bm	7.9
	Jersey (St. Aubin)	1027.0	63	WNW	5	b	1027.2	*	60	0	ENE	2	E	c	2	-	66	55	c.b	b	bw.c.	11.8
	Portland Bill ...	1024.8	63	W	3	b	1026.8	0	62	+2	N	2	-	b	2	-	64	57	bc.	bc	b	*
	Dungeness ...	1022.6	68	W	3	b	1025.7	+1	56	-3	NNW	3	-	b	2	-	70	50	bc.	c.bc.	c.b.b.	*
	Wick	1020.5	56	WNW	4	omg	1023.2	+1	55	-1	S	2	-	o	2	0.1	60	53	omf	omfg.	omg	*
	Nairn	1021.3	61	W	1	cg	1023.2	*	60	+3	-	0	-	cg	0	0.5	62	52	f.cg.	c.	f.g.	1.4
	Aberdeen ...	1020.9	63	WNW	3	bc	1024.4	+1	61	+3	SSW	3	W	bc	2	-	66	53	o.c.o.	o.bcy	bc.	1.8
	Leith	1021.4	65	W	2	bc	1025.1	+1	59	0	W	2	NW	c	2	-	68	54	bc.b.	b	bc.czc	*
	Tynemouth ...	1020.6	62	-	0	cm	1025.4	+1	56	-2	NW	2	-	cm	2	-	68	53	bcm	cm.	bm	*
	Spurn Head ...	1023.1	62	NNE	2	cv.	1027.0	+2	57	-1	NNW	3	-	b	2	-	65	55	cqv.	cv.	bc.	2.4
	Yarmouth (Gorleston)	1022.0	64	N	2	c	1025.7	+3	59	+4	NW	2	-	bc	2	-	68	55	cq	c.bc.	c.	3.9
	Clacton-on-Sea	1022.5	66	WNW	3	bcz	1026.7	+4	55	-2	NW	3	N	bcm	1	-	67	50	bc.c.	c.bcz.	bczm	5.1
	Nottingham ...	1023.2	63	W	3	b	1026.9	*	52	-6	WSW	1	SW	bcm	*	Trace	65	48	ofd.	c.bc.	b	3.8
	Benson (Oxon.) ...	1024.1	66	NW	2	bc	1026.7	+2	55	-2	-	0	-	b	*	-	69	43	bc.ov.	bc.	bm	*
	Sth Farnborough	1024.1	66	WNW	3	cv.	1027.2	+2	53	-4	WNW	1	-	bw	*	-	69	45	b.o	ov.cv.	c.bw.	5.9
	Salisbury Plain	1024.8	65	WNW	2	c	1027.7	+1	55	-1	W	1	N	b	*	-	69	45	b.o.bc.	c.	c.bc.bw	11.2
	London (Kew Obsy.)	1024.3	67	NW	1	c	1027.2	+2	55	-2	NW	1	-	bmw	*	-	68	49	b.o.cv.	cv. c.	c.bc.bmw	5.9
NORTHERN EUROPE.	Spitsbergen ...	1022.8	39	N	4	o	1020.0	0	37	-2	N	1	*	o	*	*	39	34				
	Vardö	1020.7	46	SE	4	c	1019.1	0	48	0	SE	3	-	bc	3	*	50	41				
	Bodö	1016.4	61	E	2	b	1017.2	0	59	0	ESE	1	-	b	1	-	61	54				
	Christiansund ...	1016.2	59	-	0	b	1020.2	+2	57	-2	-	0	-	r	2	-	59	52				
	Skudesnaes ...	1014.7	61	N	2	b	1021.2	+5	61	+2	N	1	-	c	1	4	68	52				
	Færder (X'ania Fjord)	1015.5	63	SW	1	c	1020.3	+2	64	+1	-	0	-	b	1	-	64	61				
	The Scaw (Skagen)	1014.2	64	NW	1	b	1020.0	+3	63	+4	WNW	1	-	bc	1	1	64	52				
	Blaavands Huk	1015.9	64	NNW	2	c	1021.8	+5	64	+3	N	2	-	c	*	Trace	64	57				
	Copenhagen ...	1014.6	63	-	0	o	1019.2	+3	64	0	NNE	3	-	o	*	8	64	57				
	Bornholm ...	1013.6	63	E	1	m	1017.5	+3	64	+1	NE	2	-	o	0	46	68	59				
FRANCE, &c.	The Helder ...	1019.1	63	NW	4	c	1023.9	+2	61	0	N	3	-	c	2	-	63	59				
	C. Gris Nez ...	1023.6	63	W	2	bc	1026.2	+2	59	+2	NNE	2	*	c	2	-	70	57				
	La Hève	1025.9	61	NW	3	b	1027.4	*	61	+2	-	0	*	m	0	-	64	57				
	Brest (St. Mathieu)	1029.0	61	NNW	3	b	1028.4	-1	59	0	E	1	*	m	1	-	66	57				
	Rochefort (Ile d'Aix)	1026.0	66	NW	5	bc	1025.8	0	59	-5	E	3	*	b	*	-	?	?				
	Biarritz	1025.0	72	N	3	b.	1024.6	0	64	0	-	0	*	b	1	-	75	59				
	Paris	1024.7	64	NNW	2	c	1026.6	+2	59	0	NW	1	-	b	*	-	70	52				
	Belfort	1022.6	61	W	2	c	1025.5	*	54	-3	-	0	*	c	*	2	66	50				
	Lyons						1023.8	*	57	-7	N	2	*	bc	*	-	75	54				
	Nice	1013.5	70	-	0	b	1013.9	+2	68	-5	-	0	*	c	0	-	81	59				
	Perpignan ...	1021.8	77	N	3	b	1021.2	+1	70	-2	N	2	-	b	*	-	84	66				
	Sanguinaire ...	1016.8	75	NW	2	m	1011.1	*	73	0	S	3	*	m	3	-	88	54				
IBERIA, &c.	Corunna	1022.4	73	NE	5	b	1019.5	0	73	+3	-	0	-	b	2	-	75	63				
	Madrid	1017.2	86	-	0	b	1019.5	0	72	+2	NE	1	-	b	*	-	88	66				
	Lisbon	1020.7	90	N	4	b	1016.0	+1	77	+6	-	0	-	b	2	-	90	72				
	Azores (Horta) ...	1020.0	*	S	6	m	1020.2	+1	64	-8	NNE	4	*	m	3	-	77	64				
	,, (P. Delgada)	1024.0	*	SSW	3	b	1021.6	0	72	0	SSW	5	*	m	3	1	77	72				
	Madeira	1019.2	75	NE	5	b	1019.6	0	64	-2	N	5	-	b	5	-	77	64				
	Gibraltar	1017.6	72	E	6	bc	1015.6	*	70	-3	E	5	*	bc	?	-	75	70				
	Palma																					
MEDITERRANEAN.	Algiers	1020.0	73	NE	3	b	1017.8	0	73	?	NE	4	W	c	4	-	79	70				
	Malta	*	*	*	*	*	1014.8	+2	73	0	NW	3	-	b	2	-	82	70				
	Salonica	1009.8	81	NNW	4	b	1009.3	+1	76	+3	NNW	3	-	b	*	-	98	70				
	Athens																					
	Candia	1010.2	77	N	1	b	1009.4	0	73	-4	-	0	-	b	0	-	86	70				
	Limassol	*	*	*	*	*	1005.5	0	82	0	-	0	-	b	0	-	91	66				
	Alexandria ...	1010.2	79	N	3	b	1008.6	+1	79	0	NW	2	NW	b	1	-	88	73				
	Cairo (Helwan) ...	1009.0	84	N	3	b	1008.7	+1	75	-7	N	1	-	c	*	-	97	70				
	Jerusalem ...	*	73	WNW	4	b	*	0	70	-2	WNW	2	-	b	*	-	86	61				
	Ramleh	1008.6	79	WNW	1	b	1007.6	+1	81	-1	-	0	-	c	*	-	90	70				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

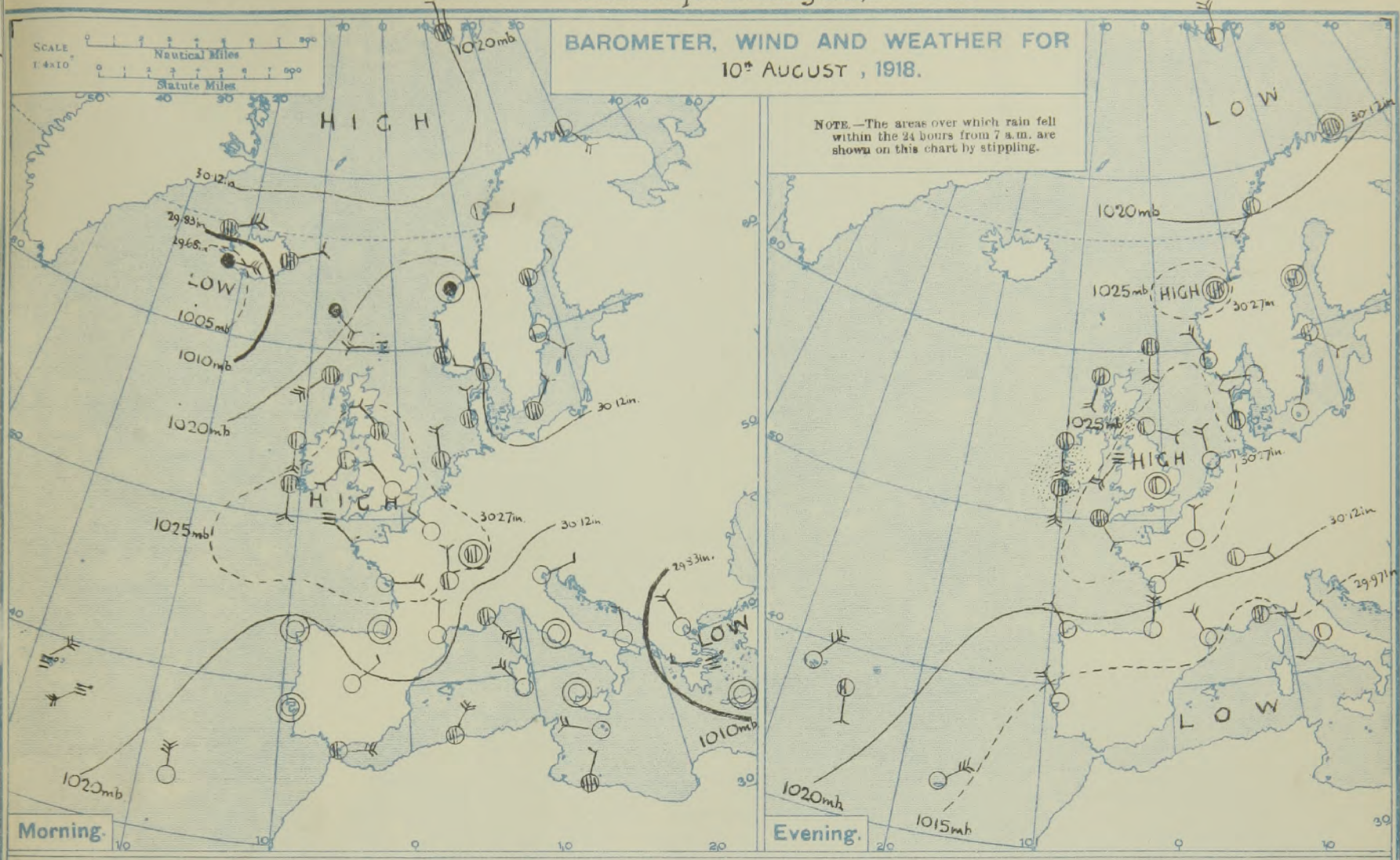
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. + Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20716. Sunday, 11th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 10TH AUGUST

	STATIONS.	Evening of 9th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 10th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ±	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice	1014·2	72	-	0	0	1014·7	*	72	+2	ENE	1	b	-	77	64
	Turin	1014·9	72	-	0	b	1016·3	*	68	0	-	0	c	-	81	63
	Pesaro	?	71	-	0	0	1014·9	*	66	-11	-	0	r	-	81	63
	Leghorn ...	1015·9	74	-	0	b	1013·1	*	72		NW	1	b	-	79	64
	Rome	1016·3	72	W	1	b	1014·1	*	68	-4	-	0	b	-	84	61
	Viesti	1015·7	77	NW	2	b	1011·7	*	77	+1	-	0	b	-	77	?
	Brindisi	1014·2	73	N	2	b	1014·7	*	72	0	N	1	b	-	75	64
	Cagliari	1017·1	84	SE	3	b	1015·0	*	72	-1	NW	3	b	-	86	66
	Palermo	1017·3	75	-	0	0	1014·7	*	73		-	0	b	-	88	?
	Tripoli						1021·0	*	75		NNE	1	0	-	?	?

ICELAND.	Morning of 10th: Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1015·9	45	+2	ENE	5	0
Reykjavik	1004·4	48	0	E	5	r
Vestmanna	1007·6	46	+1	E	9	bc
Seydisfjord	1016·8	43	0	NE	2	0
Thorshavn	1018·5	52	0	SSE	3	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

11th AND 12th AUG 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·30	11·58	7·26
	4·32	11·58	7·24
Greenwich	4·40	12·5	7·30
	4·42	12·5	7·28
Wick	4·26	12·17	8·8
	4·29	12·17	8·5
Valencia	5·19	12·46	8·14
	5·21	12·46	8·12

LONDON

11th AUGUST 9h. G.M.T.

	Humidity 15 h. 10th %	Humidity 9 h. 11th %	Sunshine for 10th Hours.	24 Hours ended 9 h. 11th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	61	75	7·0	73	50	40	-	b. bc. c.	o. c.	c. bw. c. o
CITY (Bunhill Row)	*	*	4·9	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	63	74	4·9	75	56	51	-	*	*	*
" (Roof near Charing Cross) ..	56	67	7·2	76	58	*	-	bz	bcz.	*
CAMDEN SQ. (British Rainfall)	57	68	7·5	77	52	50	-	b.	b. bc.	*
KENSINGTON PALACE	?	68	5·2	74	51	42	-	b	bc	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 10th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1390	26	61

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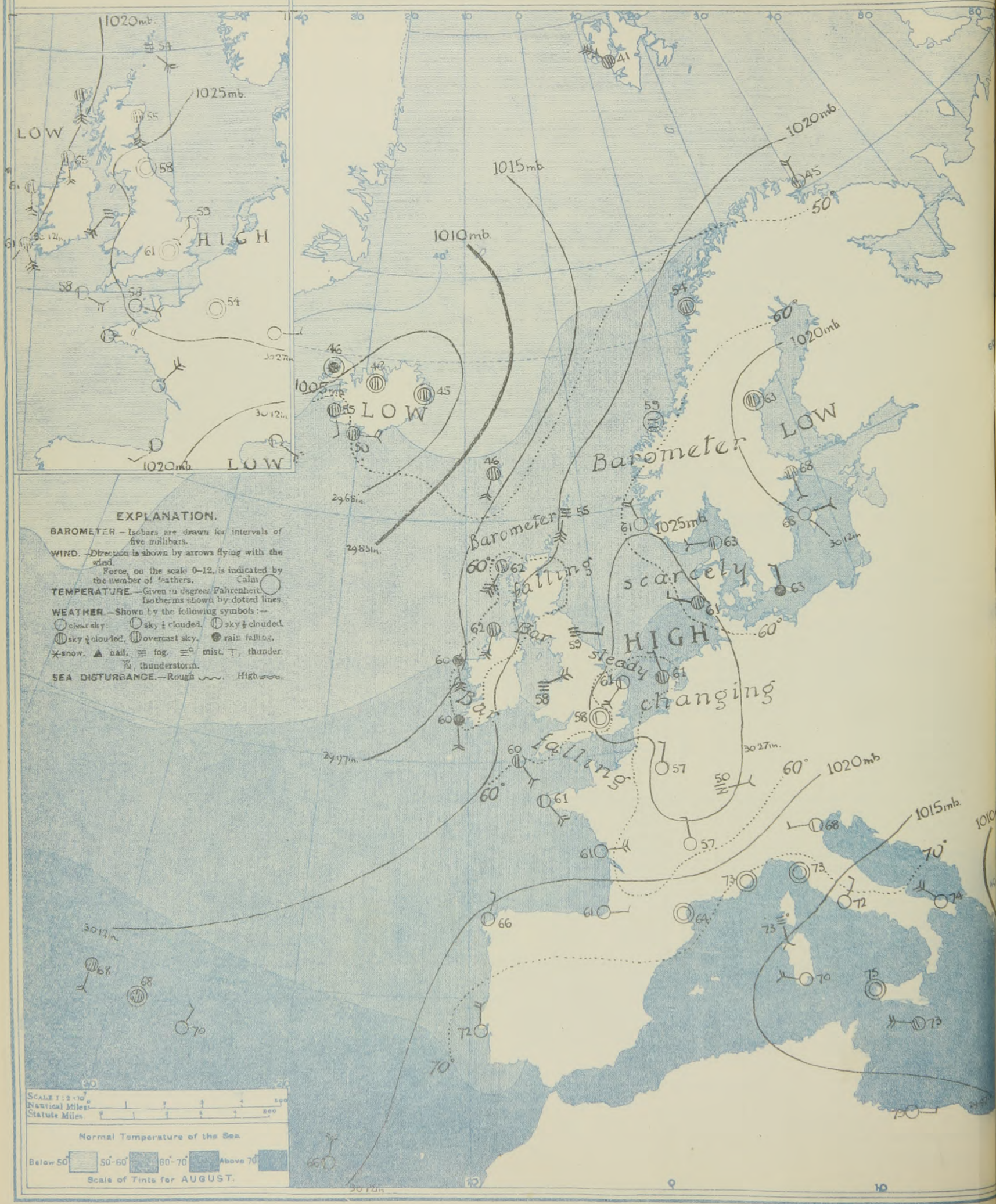
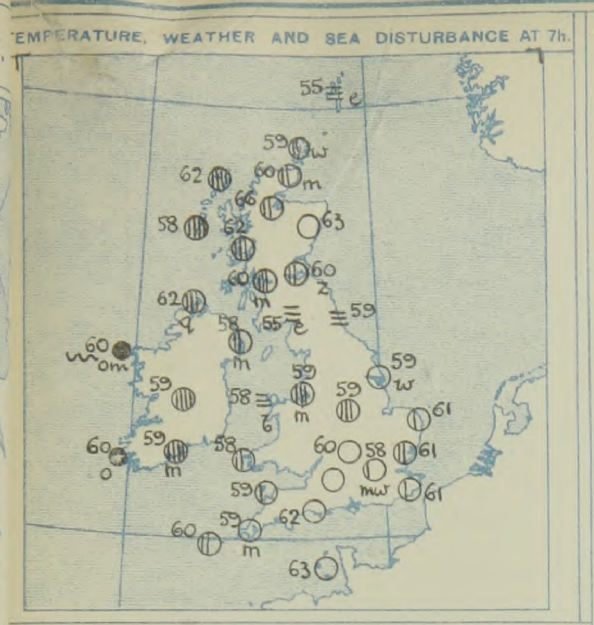
± The barometric change is expressed in half-millibars.

11TH AUGUST at 1h. G.M.T.

THE MORNING OF Sunday, 11th AUGUST 1918, at 7h. G.M.T.





GALES.

Notes on the Weather of the 24 hours ended 7h. Today

There was considerable variation in the temperature, the afternoon readings not exceeding 59° in Orkney and Shetland, while reaching 75° at Nairn, and 77° at Nottingham and South Farnborough. In the night the thermometer descended to 48° at South Farnborough, and 49° on Salisbury Plain, but remained as high as 60° at Cahirciveen (Kerry). Slight showers fell locally in the west and north, and there was a good deal of sea fog on the Western Channels, from Scilly to the Irish Sea, and also off the Tyne. At Pembroke and Falmouth the duration of bright sunshine was less than an hour, elsewhere it ranged upwards to 12½ hours at South Farnborough.

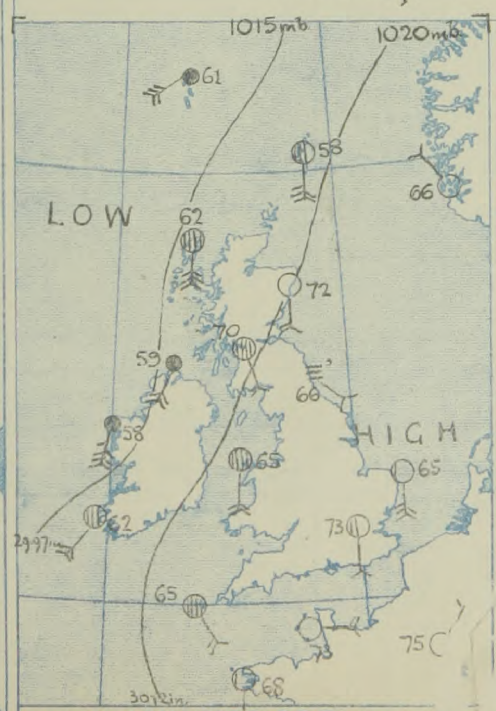
The Conditions at 7h. Today

The anticyclone which was off the Mouth of the Channel yesterday has moved eastward, and is now centred over Holland. Pressure has fallen in the west of the British Isles as a result of the arrival of a fresh depression, which first appeared yesterday morning over Iceland. The depression is not, however, developing rapidly. Strong S. or SSW. winds are blowing on our west and north-west coasts, with a moderate to rough sea, and rain is falling in the west of Ireland. The eastern districts remain under the influence of the anticyclone. Light winds mainly from S. to SE. and fine or fair weather prevail.

The Icelandic depression expanded a little towards our islands in the course of the day, so that the 13h. map given below shows a slight decrease of barometric pressure on our western and northern coasts, accompanied by a marked increase in the strength of the S. wind and rain in many places. There was no material change in the east and south.

H. H.

Sunday, 11th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. F[illegible] Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 223.

SUNDAY, 11TH AUGUST

	STATIONS.	Evening of 10th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 11th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h. 11th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 10th. Hours.
BRITISH ISLANDS.	Lerwick ...	1023·9	55	S	4	o	1020·8	-2	55	+4	SSE	6	-	fe	2	-	59	50	cm	o.	fe.	*
	Deerness (Orkney)	1022·7	57	SE	4	bc	1019·3	*	59	+5	SSE	5	SW	bcw	4	-	59	54	o.c.bc.	bc.	bc.b bc.	5·4
	Stornoway ...	1021·1	63	SSW	3	c	1016·7	-1	62	+4	SSW	6	-	o	5	-	64	57	o. cq	c.	c.oq	2·7
	Castlebay (Barra Hd.)	1021·6	60	ESE	3	c	1017·9	0	58	+1	SE	4	-	o	5	0·4	61	57	o.fm	o.fm.c.	c.o.	1·2
	Glasgow ...	1024·2	69	W	2	og	1022·2	-1	60	+4	SE	1	S	cm	*	Trace	73	54	om. cz.	cz.og.	o.b.bcw	3·6
	Eskdalemuir ...	1025·2	66	SSW	3	bv	1023·5	-1	55	-1	-	0	-	fe	*	0.2	68	50	cw.bc.o.	o.c.bcv.	b.ofe.	7·4
	Malin Head ...	1021·1	70	SSW	3	bc	1017·7	+1	62	+2	SSW	4	S	cq	3	-	71	59	bc	bc	cq	10·0
	Blacksod Point	1020·3	60	S	4	cg	1014·7	-2	60	+2	S	7	-	omr	6	2	64	57	c	?	cg.cgh.	*
	Valencia (Cahirciveen)	1022·1	63	S	5	o	1017·3	-2	60	-1	S	4	-	or	4	1	68	60	o.c.	bc.c.	o	4·1
	Roche's Point	1024·8	61	SE	1	f	1020·4	*	59	+4	SE	3	-	om	3	0·4	64	55	of.o.	of.	of.d.om.	*
	Birr Castle ...	1023·2	66	S	2	o	1019·5	*	59	-2	SE	2	-	o	*	-	71	59	o.c.	c.o.	o	3·6
	Donaghadee ...	1023·7	64	SSW	4	bm	1020·1	-1	58	+1	SW	3	SW	bcm	2	-	73	56	bcm.	bym	of.bcm	*
	Liverpool (Bidston)	1025·6	65	NW	1	b	1023·0	-2	59	-1	SE	2	-	cm	0	-	70	57	o.c.bc.	b	m.fw.	8·3
	Holyhead ...	1025·8	60	SW	4	f	1022·1	-1	58	-4	ENE	8	-	bf	1	0·1	67	53	bcf.f.	f.bf.b	fe.f.bc.	5·9
	Pembroke (St. Ann's)	1026·7	58	WSW	2	f	1023·0	-1	58	0	ESE	2	SE	bc	1	0·2	62	54	fc	fc	fe.b.bc	0·2
	Hartland Quay	1026·0	65	NNW	2	o	1023·2	-1	59	0	ESE	3	NE	b	2	-	66	53	odf.c.o	ov.o.	o.bc.b	*
	Scilly (St. Mary's)	1026·2	62	SE	2	o	1022·4	-2	60	+1	SSE	3	SE	bc	4	-	67	56	fc.	c.o.	b.bcm	3·0
	Falmouth ...	1026·5	60	SSE	2	om	1023·1	0	59	-1	ESE	1	-	bm	*	-	66	55	om	o.m.om.	bwm	0·7
	Jersey (St. Aubin)	1026·2	67	N	2	b	1024·2	*	63	+3	E	2	-	b	1	-	70	58	c.bc.c.	c.b.	bw.	12·3
	Portland Bill ...	1026·4	63	-	0	b	1024·1	-1	62	0	ESE	2	-	b	2	-	67	59	b	b	b	*
	Dungeness ...	1026·3	63	ENE	2	b	1025·4	0	61	+5	E	2	-	b	1	-	68	56	b	b	b.bc.	*
	Wick	1022·5	60	S	2	bc	1019·3	-1	60	+5	S	2	-	bcm	2	-	60	54	og.bc.	bc.	bcm	*
	Nairn	1022·2	74	-	0	b	1019·3	*	66	+6	-	0	-	bc	0	-	75	55	bc.	bc.b	bcw.	7·5
	Aberdeen ...	1024·1	62	S	3	bc	1022·0	-1	63	+2	S	2	-	b	2	-	67	54	bc.	bc	bc.b.	6·1
	Leith	1023·7	71	W	1	c	1022·2	0	60	+1	WNW	1	SW	bcz.	1	-	73	57	cz.bc.b.	b.	cz.s.bc.	*
	Tynemouth ...	1025·3	64	ESE	2	bcm	1023·7	-1	59	+3	ESE	1	-	f	2	-	66	56	cm	bcm	bm	*
	Spurn Head ...	1026·7	62	SE	2	b	1024·9	0	59	+2	S	1	-	bw	2	-	65	56	bcm	bc.b	bc.b	10·3
	Yarmouth (Gorleston)	1026·6	63	SSE	2	b	1025·4	0	61	+2	SSW	3	-	b	3	-	67	57	bc	b	bc.b.	11·1
	Clacton-on-Sea	1026·6	63	SE	3	b	1025·8	0	61	+6	S	3	NW	bc	2	-	67	55	bcm.bc.	bc.b.	b.bc	12·3
	Nottingham ...	1025·0	71	ENE	1	c	1023·9	*	59	+7	ESE	1	S	cm	*	-	77	52	bc	o.c.	c.o.	7·8
	Benson (Oxon.) ...	1025·3	72	NE	1	b	1024·7	0	60	+5	S	1	-	b	*	-	76	51	bc.	b.	b	*
	Sth Farnborough	1025·5	73	SSE	2	bcy	1025·2	0	58	+5	SSE	2	-	bmw	*	-	77	48	bwy.bc.	bcy.	bcbmw	12·6
	Salisbury Plain	1025·7	72	NNE	1	b	1024·8	-2	57	+2	E	1	W	bw	*	-	73	49	b	bcyv.	b	*
	London (Kew Obsy.)	1025·7	72	-	0	bczy	1025·3	0	58	+3	-	0	NE	bmw	*	-	75	51	bmwbbc	bc bcz	bczb.bm	11·5
NORTHERN EUROPE.	Spitsbergen ...	1018·6	41	N	4	bc	1018·0	0	41	+4	NW	8	*	o	*	*	41	34				
	Vardö	1020·2	46	-	0	o	1020·2	0	45	-3	N	3	-	bc	2	*	48	45				
	Bodö	1019·9	54	SW	1	c	1021·9	0	54	-5	-	0	-	c	1	-	59	50				
	Christiansund ...	1025·2	59	-	0	o	1023·9	+2	59	+2	-	0	-	m	2	-	61	55				
	Skudesnaes ...	1023·9	59	NW	3	b	1024·7	0	61	0	NNW	3	-	b	1	-	64	55				
	Færder (Christiania Fjord)	1020·6	66	SW	4	b	1022·8	+1	63	-1	NNE	4	E	b	2	-	68	61				
	The Scaw (Skagen)	1021·4	66	W	2	b	1022·3	+1	63	0	W	2	W	bc	2	-	70	55				
	Blaavands Huk	1024·7	63	NNW	2	c	1025·1	0	61	-3	WNW	1	-	o	*	-	66	57				
	Copenhagen ...	1021·4	66	N	2	bc	1023·2	+1	64	0	N	2	-	c	*	Trace	72	61				
	Bornholm ...	1025·9	64	NNE	1	b	1022·4	+1	63	-1	N	1	-	r	0	Trace	66	61				
FRANCE, &c.	The Helder ...	1026·2	63	NNW	3	b	1026·2	0	61	0	NNW	1	-	c	1	-	66	56				
	C. Gris Nez ...	1026·4	64	ENE	2	b	1026·0	0	61	+2	SE	1	*	b	0	-	70	59				
	La Hève	1027·0	63	NE	2	m	1025·2	*	61	0	E	3	*	b	2	-	66	57				
	Brest (St. Mathieu)	1025·8	66	SW	1	b	1022·8	-1	61	+2	ESE	4	*	b	2	-	72	57				
	Rochefort (Ile d'Aix)	1022·7	75	NE	4	b	1021·5	0	61	+2	E	4	*	b	*	-	82	77				
	Biarritz	1019·9	70	N	3	b	1018·0	0	61	-3	E	1	*	b	1	-	75	57				
	Paris	1025·5	68	NNE	2	b	1025·4	+1	57	-2	NNE	1	-	b	*	-	73	50				
	Belfort	1024·0	61	E	2	bc	1025·9	*	50	-4	E	2	*	f	*	-	70	46				
	Lyons	1021·6	66	NNE	4	b	1022·6	*	57	0	N	1	*	b	*	-	73	68				
	Nice	1014·2	72	E	1	c	1017·6	+1	73	+5	-	0	*	b	0	-	82	61				
	Perpignan ...	1017·0	79	NNW	3	b	1019·4	+1	64	-6	-	0		b	*	-	86	55				
	Sanguinaire ...	1012·8	77	W	2	m	1015·5	*	73	0	S	2	*	m		-	88	66				
IBERIA, &c.	Corunna	1016·8	75	NNW	2	b	1017·5	+2	66	-7	NNE	1	-	b	1	-	84	59				
	Madrid														*							
	Lisbon	1013·8	88	NNW	4	b	1015·4	+1	72	-4	N	3	-	b	5	-	95	70				
	Azores (Horta) ...	1021·4	*	NNE	5	b	1021·4	0	68	+4	-	0	*	o	2	-	72	66				
	,, (P. Delgada)	1021·2	*	S	2	bc	1021·6	0	70	-2	NNE	1	*	b	2	-	79	72				
	Madeira	1018·7	73	NE	5	b	1020·4	0	66	+2	N	4	-	b	4	-	73	64				
	Gibraltar							*					*									
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1012·3	+2	73	0	NW	4	-	bc	3	-	79	70				
	Salonica	1006·8	78	SE	1	b	1008·3	+2	74	-2	NNW	5	-	b	*	-	91	70				
	Athens	1008·0	79	S	1	b	1007·6	+1	77	0	-	0	-	b	0	-	88	73				
	Candia	1009·1	77	-	0	b	1008·1	0	75	+2	-	0	-	b	0	-	86	68				
	Limassol	*	*	*	*	*	1004·7	+1	81	-1	S	1	-	b	0	-	90	63				
	Alexandria ...	1007·6	77	NW	3	b	1009·0	+1	81	+2	NW	2	NW	b	1	-	88	75				
	Cairo (Helwan) ...	1006·8	86	-	0	b	1008·8	-1	75	0	NW	1	NE	bc	*	-	91	70				
	Jerusalem ...	*	75	WNW	3	b	*	*	70	0	NW	1	-	b	*	-	88	63				
	Ramleh	1005·9	81	NW	1	b	1007·5	+1	82	+1	-	0	-	bc	*	-	91	73				

THE BEAUFORT SCALE OF WIND FORCE.

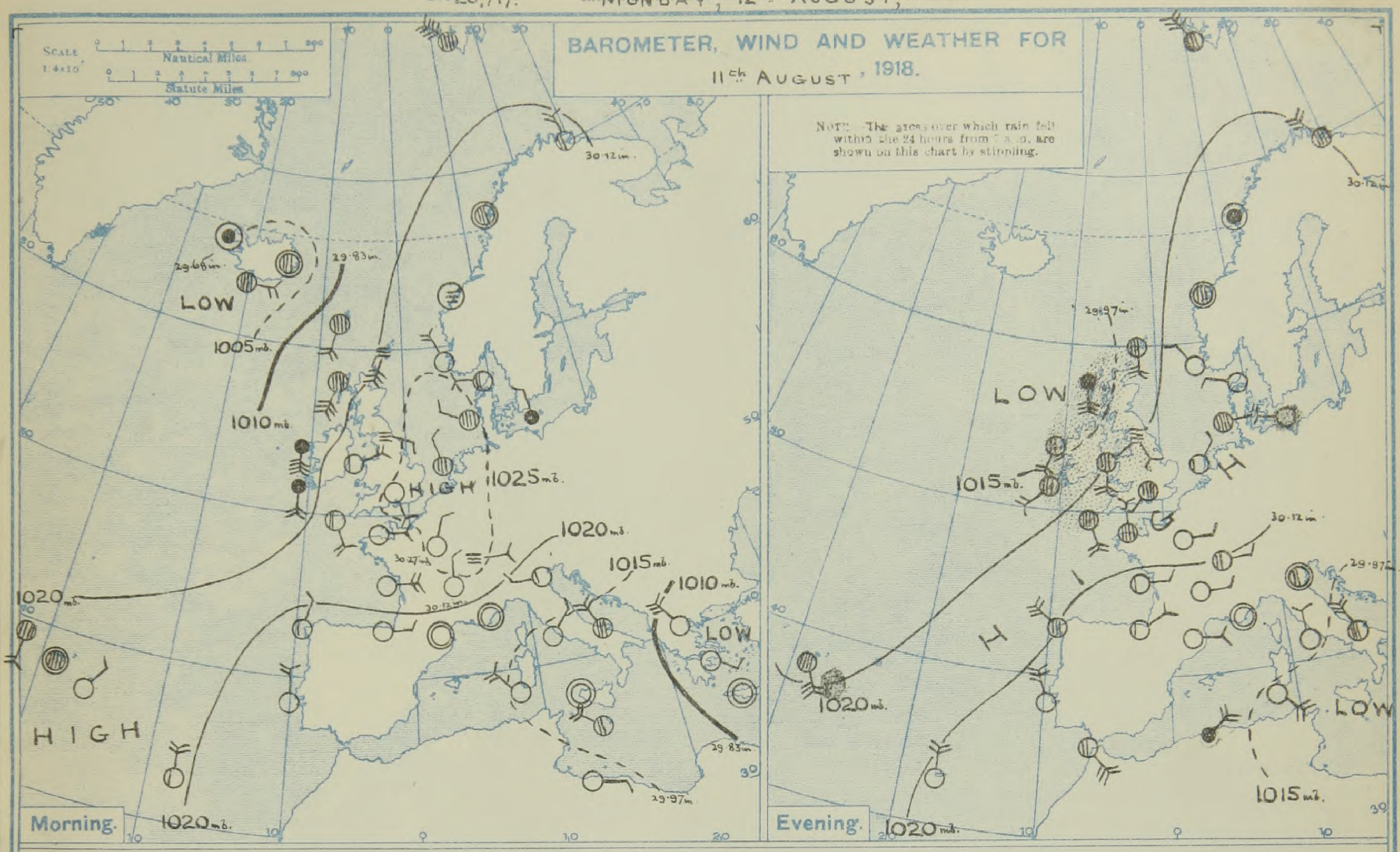
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air: humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,717. — MONDAY, 12TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 11TH AUGUST

	STATIONS.	Evening of 10TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 11TH: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*			-			*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice						1017·0	*	68	-4	W	1	b	-	77	64
	Turin	1016·4	68	-	0	c	1019·4	*	64	-4	-	0	b	1	799	59
	Pesaro						1017·5	*	68	+2	NE	1	bc	1	73	55
	Leghorn ...	1015·1	72	-	0	b	1017·5	*	73	+1	-	0	b	-	82	64
	Rome	1013·1	72	WSW	1	b	1014·7	*	72	+4	NE	1	b	-	84	64
	Viesti	1011·7	75	NW	4	0	1014·6	*	70	-7	NNW	4	c	-	81	70
	Brindisi	1011·3	79	NW	4	c	1011·9	*	74	+2	NW	4	b	-	79	72
	Cagliari						1013·7	*	70	-2	NW	3	b	-	86	66
	Palermo							*								
	Tripoli							*								

Morning of 11TH:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1005·9	46	+1	-	0	r
Reykjavik	1002·3	55	+7	SSE	1	0
Vestmanna	1001·9	50	+4	E	3	0
Seydisfjord	1003·4	45	+2	-	0	c
Thorshavn	1014·1	60	+8	SSW	4	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

12TH AND 13TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·32	11·58	7·24
	4·34	11·58	7·22
Greenwich	4·42	12·5	7·28
	4·44	12·5	7·2
Wick	4·29	12·17	8·5
	4·31	12·17	8·3
Valencia	5·21	12·46	8·12
	5·23	12·46	8·10

LONDON — 12TH AUGUST 9h. G.M.T.

	Humidity. 15 h. 11TH %	Humidity. 9 h. 12TH %	Sunshine for 11TH Hours.	24 Hours ended 9 h. 12TH: Temperature. Max. °F.	Temperature. Min. °F.	Temperature. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
GREENWICH (Royal Observatory)	52	70	7·5	77	54	45	-	o. bc. b.	b.	bc. o. c.
CITY (Bunhill Row)	*	*	5·8	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	65	89	7·8	75	56	54	-	*	*	*
" (Roof near Charing Cross)	56	72	5·3	77	61	*	-	om. cz.	bc. c.	*
CAMDEN SQ. (British Rainfall)	?	82	4·0	79	57	53	-	?	?	*
KENSINGTON PALACE	56	67	8·9	75	56	47	-	b.	b. bc.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during ... 11TH ...

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1150	21·6	68

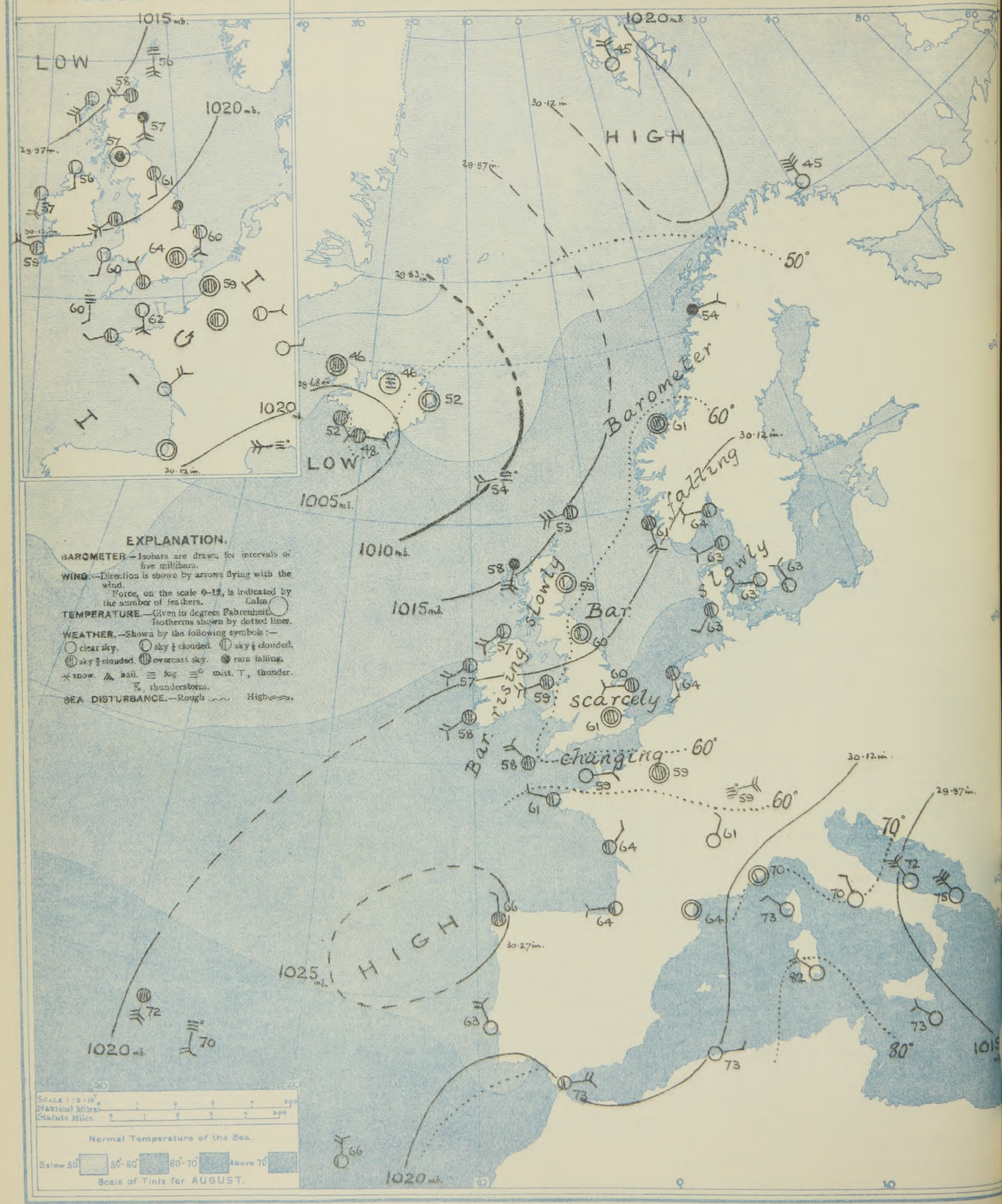
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

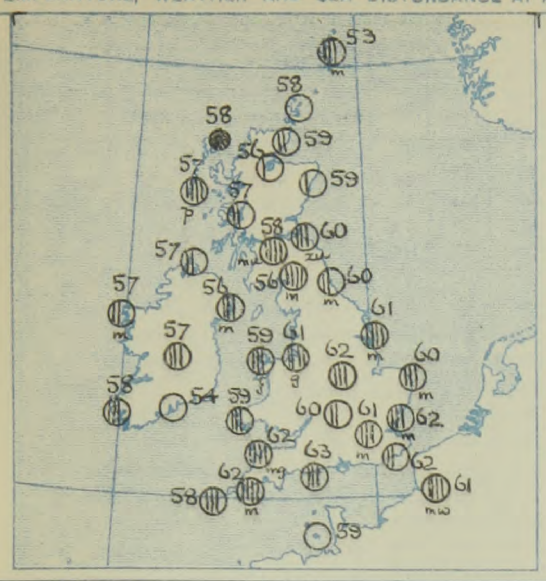
Printed at the Meteorological Office, South Kensington, London, S.W. 7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

12th AUGUST at 1h. G.M.T.

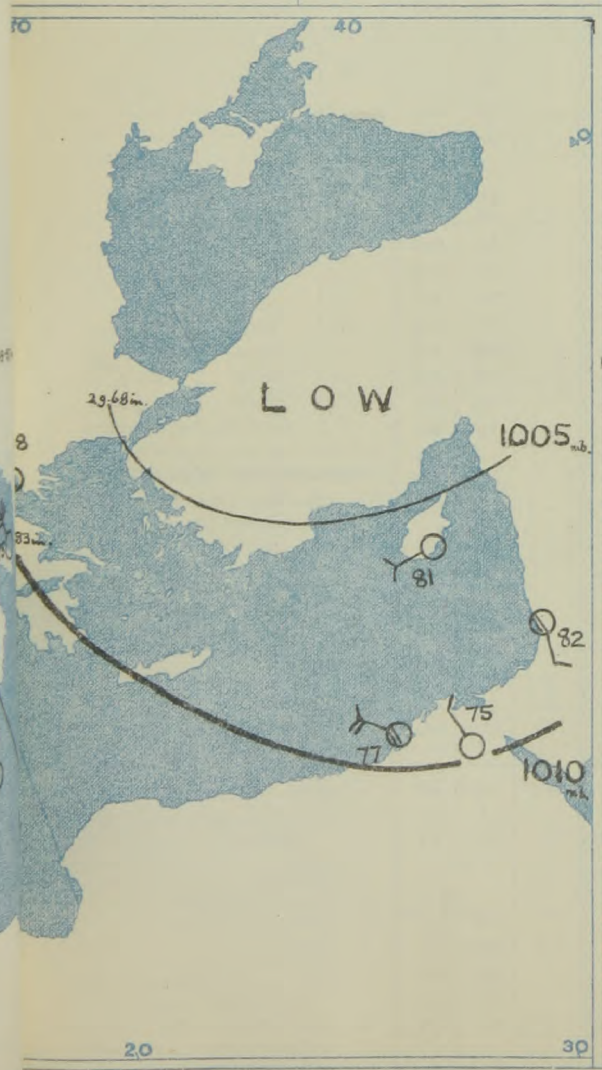
THE MORNING OF MONDAY, 12th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Rain was experienced over a large area in the west and north-west of the British Isles, and locally on the east coast of England. The amount was slight generally, but at some Irish stations it exceeded 15 mm. The bright sunshine records were moderate generally, but at Yarmouth the value was as much as 12.3 hours, while in Ireland and the West of Scotland, the day was mostly cloudy or quite overcast. Temperature rose to 70° and above over the greater part of England and Scotland - to 76° at Nottingham and Nairn.

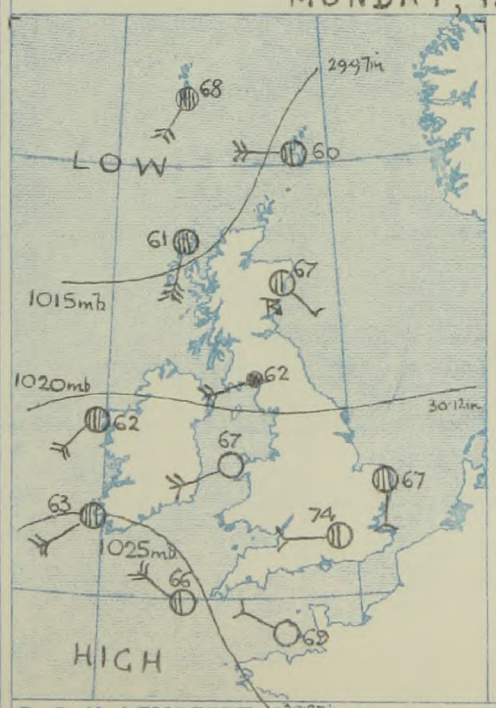
The Conditions at 7h. Today

A vast high pressure system stretches from between the Azores and Madiera north-eastward to the Baltic, while the lowest pressure is found over the Icelandic region. The wind is light to moderate generally, its direction being SW. or S. over the greater part of the United Kingdom, but variable in the south-east and the nearer portions of the Continent. Rain is falling at Stornoway, fog prevails at Holyhead, and mist at several other stations. As a whole, however, the weather is fine or fair to cloudy. Temperature is rather uniform over the British Isles, many places both in the north and south reporting a reading of about 60°.

The Outlook

There are no indications of any important change in the height of the barometer or the pressure distribution, and it is, therefore, probable that the fair, stable conditions will continue.

MONDAY, 12th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



A slow rise of the barometer over the British Isles confirms the view taken this morning that the generally stable weather will continue, a local thunderstorm is, however, reported at Aberdeen.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 224 { MONDAY, 12TH AUGUST.

STATIONS.	Evening of 11th: Barom. Millibars at M.S.L.	Evening: Temp.	Evening: Wind Direc.	Evening: Wind Force 0–12	Evening: Weather	Morning of 12th: Barometer Millibars at M.S.L.	Morning: Barometer Change in 3 hours ‡	Morning: Temp. Dry Bulb	Morning: Temp. Change in 24 hours	Morning: Wind Direc.	Morning: Wind Force 0–12	Direc. of Upper Cloud	Weather	Sea 0–9	24 hours ended 7 h 12th: Rainfall Millimetres	Temp. Max.	Temp. Min.	Weather Morning	Weather Afternoon	Weather Night	Sunshine for 11th
		°F.						°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.																					
Lerwick ...	1018.5	57	S	5	cm	1015.1	+1	53	-2	WSW	5	-	cm	4	2	58	53	f	cm	f	*
Deerness (Orkney)	1015.9	58	S	5	om	1016.2	*	58	-1	SW	2	SW	b	1	2	64	52	bc	bc.c.om	mrlt.b	9.6
Stornoway ...	1013.2	59	S	6	r	1014.2	0	58	-4	SSW	5	-	r	4	4	63	53	oq	ofq.	cfq.	0.0
Castlebay (Barra Isd.)	1012.5	57	SSW	6	r	1015.6	0	57	-1	SW	4	-	op	4	14	58	56	or	r	r.c.o.bc.	0.0
Glasgow ...	1018.2	62	SSW	3	oq	1018.1	0	58	-2	SSW	2	W	omu	*	1	71	55	ou.r.om	o	op.c.op.	0.6
Eskdalemuir ...	1019.0	60	S	3	o	1019.0	+1	56	+1	SSE	1	-	om	*	6	68	55	fe.om.o	oz.o.	aofumd	0.1
Malin Head ...	1014.8	60	SSW	3	bc	1016.7	0	57	-5	SW	3	S	bc	2	17	62	54	cmqp	omr	bc.	1.3
Blacksod Point	1014.8	60	SSW	4	bcz	1018.4	+3	57	-3	SW	3	-	bcm	4	12	62	56	omr	cmp	bcm.cm	*
Valencia (Cahirciveen)	1018.0	64	SW	3	c	1022.3	+3	58	-2	SW	3	W	c	4	16	65	57	or	c	bc.c.	2.6
Roche's Point	1018.8	60	SE	3	om	1022.2	*	54	-5	SW	1	-	b	2	3	65	51	r.om.	om.	o.bw	*
Birr Castle ...	1017.2	65	S	1	c	1021.2	*	57	-2	S	1	S	c	*	5	67	52	or.	or.cp.	c.	2.1
Donaghadee ...	1016.8	61	SW	4	cmq	1018.5	+3	56	+2	WSW	3	SW	c	2	1	62	55	of.omq	omqp.	omp.bc	*
Liverpool (Bidston)	1020.1	65	WNW	1	o	1020.2	0	61	+2	SW	1	-	og	1	1	75	59	bm.	cm.o.	o	4.5
Holyhead ...	1019.8	62	S	4	cq	1020.3	+1	59	+1	WSW	4	-	cf	2	0.1	68	57	f.bf.cg.	op.cg	copdf	5.7
Pembroke (St. Ann's)	1019.7	61	SE	3	c	1021.7	+2	59	+1	W	2	W	c	2	0.3	64	59	bc.c.o.	o.c.op.	c.b.bc.c.	6.0
Hartland Quay	1020.7	66	S	1	om	1022.2	0	62	+3	SW	3	-	omg	3	Trace	72	59	b.bc.o.	o.om.	od.bc.o	*
Scilly (St. Mary's)	1020.4	61	SSE	4	om	1023.1	+1	58	-2	NW	3	NW	c	3	0.1	66	56	c.o.	om.	cfe.c.	4.7
Falmouth ...	1021.6	62	SE	2	om	1022.6	+1	62	+3	-	0	SW	om	*	-	66	58	bm.bc.c.	oz.c.om	bcm.om	6.3
Jersey (St. Aubin)	1021.9	68	N	2	o	1021.9	*	59	-4	E	2	-	b	1	-	74	57	b.	bc.o	c.b	10.5
Portland Bill ...	1022.8	62	E	2	c	1022.0	0	63	+1	E	1	-	c	2	-	68	58	b.	o.bc.	c.bc.	*
Dungeness ...	1022.2	64	NE	3	b	1021.2	0	62	+1	N	1	-	bc	0	-	67	58	b.	b.	b.bc.	*
Wick	1016.0	60	SSE	1	omg	1015.9	+1	59	-1	SW	3	-	bc	2	2	65	51	bcm.	bcm.om	omr.bc	*
Nairn	1015.0	66	-	0	c	1016.5	*	56	-10	-	0	-	b	0	-	76	46	bcq.	cg.	cw.	6.0
Aberdeen ...	1017.9	62	S	2	ougz.	1017.2	+1	59	-4	-	0	S	b	2	-	73	56	b.	b.ougt.	o.c.bc.b	8.9
Leith	1017.1	67	SW	1	o	1017.5	0	60	0	SW	1	SW	cwz	1	-	72	56	bcz.c.o	oug.o.	ou.cz.c	*
Tynemouth ...	1018.8	62	SSE	2	m	1018.5	0	60	+1	-	0	-	bcm	2	0.2	68	59	f.	bm.	cm	*
Spurn Head ...	1021.7	64	SSE	3	c	1021.2	0	61	+2	SSW	1	-	om	2	0.4	64	59	bc.	bc.	om	8.5
Yarmouth (Gorleston)	1022.3	63	S	4	b	1021.0	-1	60	-1	W	2	-	cm	2	-	65	59	b	b.	bc.c.	12.3
Clacton-on-Sea	1022.9	64	ESE	3	bc	1022.0	-1	62	+1	NNW	1	-	cm	1	-	66	57	bc	bc	bc.cm.	7.8
Nottingham ...	1020.9	70	SW	2	o	1020.8	*	62	+3	SW	1	S	c	*	0.1	76	58	og.c.	c.o.	op.	2.6
Benson (Oxon.) ...	1021.7	68	SW	1	o	1021.3	0	60	0	SW	1	-	bc	*	-	74	53	bc.	o.	bc.	*
Sth Farnborough	1022.2	67	SW	2	o	1021.9	0	59	+1	-	0	SW	om	*	-	75	52	bmuq.	cy.bc.o.	or.bom.	8.9
Salisbury Plain	1022.4	65	S	2	o	1021.9	0	58	-1	-	0	SW	tbc	*	·	72	51	u.?	u.cy.c.o.	bc.	8.8
London (Kew Obsy.)	1021.8	72	SW	1	c	1021.8	0	61	+3	-	0	SW	cm	*	-	75	56	bmu.bcm.	bc.c.	c.om.om	6.7
NORTHERN EUROPE.																					
Spitsbergen ...	1019.0	41	NW	6	c	1020.7	0	45	+4	N	4	*	b	*	*	45	37				
Vardö	1019.9	45	NW	5	o	1018.6	0	45	0	N	7	-	o	5	*	46	43				
Bodö	1020.6	55	-	0	r	1018.2	-1	54	0	E	2	-	r	1	?	57	50				
Christiansund ...	1021.8	61	-	0	c	1018.2	-1	61	+2	-	0	-	c	2	-	63	54				
Skudesnaes ...	?1022.2	61	NW	1	b	?1019.4	-3	61	0	S	3	-	o	3	-	66	57				
Færder (X'tiania Fjord)	1022.0	66	WSW	2	b	1021.1	-1	64	+1	W	2	-	bc	1	-	70	63				
The Scaw (Skagen)	1022.0	66	WNW	1	b	1021.4	+1	63	0	WSW	2	W	bc	2	-	81	55				
Blaavands Huk	1025.9	61	NW	1	o	1024.3	-2	63	+2	SW	1	W	c	*	-	66	57				
Copenhagen ...	1023.2	66	-	0	b	1023.2	0	63	-1	WNW	2	-	b	*	-	70	59				
Bornholm ...	1022.2	68	WNW	2	b	1022.3	0	63	0	NNW	2	-	b	0	1	68	59				
FRANCE, &c.																					
The Helder ...	1023.4	64	NE	1	b	1022.2	0	64	+3	S	1	-	c	0	-	66	54				
C. Gris Nez ...	1022.6	63	ENE	2	b	1022.0	0	66	+5	S	1	*	c	0	-	72	59				
La Hève	1023.1	68	NNE	3	m	1022.7	*	66	+5	-	0	*	o	0	-	70	61				
Brest (St. Mathieu)	1022.3	66	S	1	o	1023.2	+1	61	0	WNW	1	*	bc	2	-	77	59				
Rochefort (Ile d'Aix)	1018.7	77	E	1	b	1020.4	+2	64	+3	NE	1	*	bc	*	-	88	59				
Biarritz	1017.0	72	NE	2	b	1021.1	+3	64	+3	W	2	*	bc	2	-	79	61				
Paris	1021.4	70	E	1	b	1022.3	+1	59	+2	-	0	-	o	*	-	73	55				
Belfort	1020.0	68	E	1	bc	1023.2	*	59	+9	E	4	*	m	*	-	73	50				
Lyons	1019.2	72	E	1	b	1021.4	*	61	+4	-	0	*	b	*	-	79	54				
Nice	1018.2	70	-	0	b	1019.1	+1	70	-3	-	0	*	b	0	-	82	59				
Perpignan ...	1018.0	73	E	2	b	1020.3	+2	64	0	-	0	-	b	*	-	81	55				
Sanguinaire ...	1017.4	77	WNW	3	b	1019.1	*	73	0	NW	1	*	b	2	-	84	66				
IBERIA, &c.																					
Corunna	1020.0	70	NW	5	c	1025.5	+3	66	0	N	1	-	o	2 *	-	73	64				
Madrid																					
Lisbon	1018.2	75	NNW	5	b	1020.0	+1	63	-9	NNW	3	-	b	5	-	86	63				
Azores (Horta) ...	1020.8	*	SE	5	o	1020.3	+1	72	+4	S	5	*	o	3	-	75	68				
,, (P. Delgada)	1023.0	*	-	0	c	1022.2	+1	70	0	S	3	*	m	3	1	77	68				
Madeira	1019.9	73	N	4	b	1021.9	+1	66	0	N	3	-	b	6	-	73	66				
Gibraltar	1019.3	74	SE	5	bc	1020.0	*	73		E	3	*	bc	2	-	81	70				
Palma																					
MEDITERRANEAN.																					
Algiers	1016.7	73	NE	4	r	1020.0	+2	73		E	1	-	b	3	-	79	68				
Malta	*	*	*	*	*	1016.4	+2	73	0	NW	2	-	b	1	-	77	72				
Salonica	1005.3	83	NW	4	o	1009.1	+3	68	-6	NNW	2	-	bc	*	2	93	63				
Athens																					
Candia																					
Limassol	*	*	*	*	*	1005.5	+1	81	0	W	2	-	b	2	-	90	64				
Alexandria ...	1008.6	77	NE	2	b	1009.5	0	77	-5	NW	3	N	bc	1	-	90	73				
Cairo (Helwan) ...	1008.3	84	N	2	b	1009.9	+1	75	0	N	1	-	b	*	-	93	68				
Jerusalem ...	*	72	WNW	4	b	*	*	72	+2	WNW	3	-	b	*	-	86	63				
Ramleh	1007.4	79	W	1	b	1008.6	0	82	0	SSW	1	-	bc	*	-	91	72				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity: Statute miles per hour.	Limits of Velocity: Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

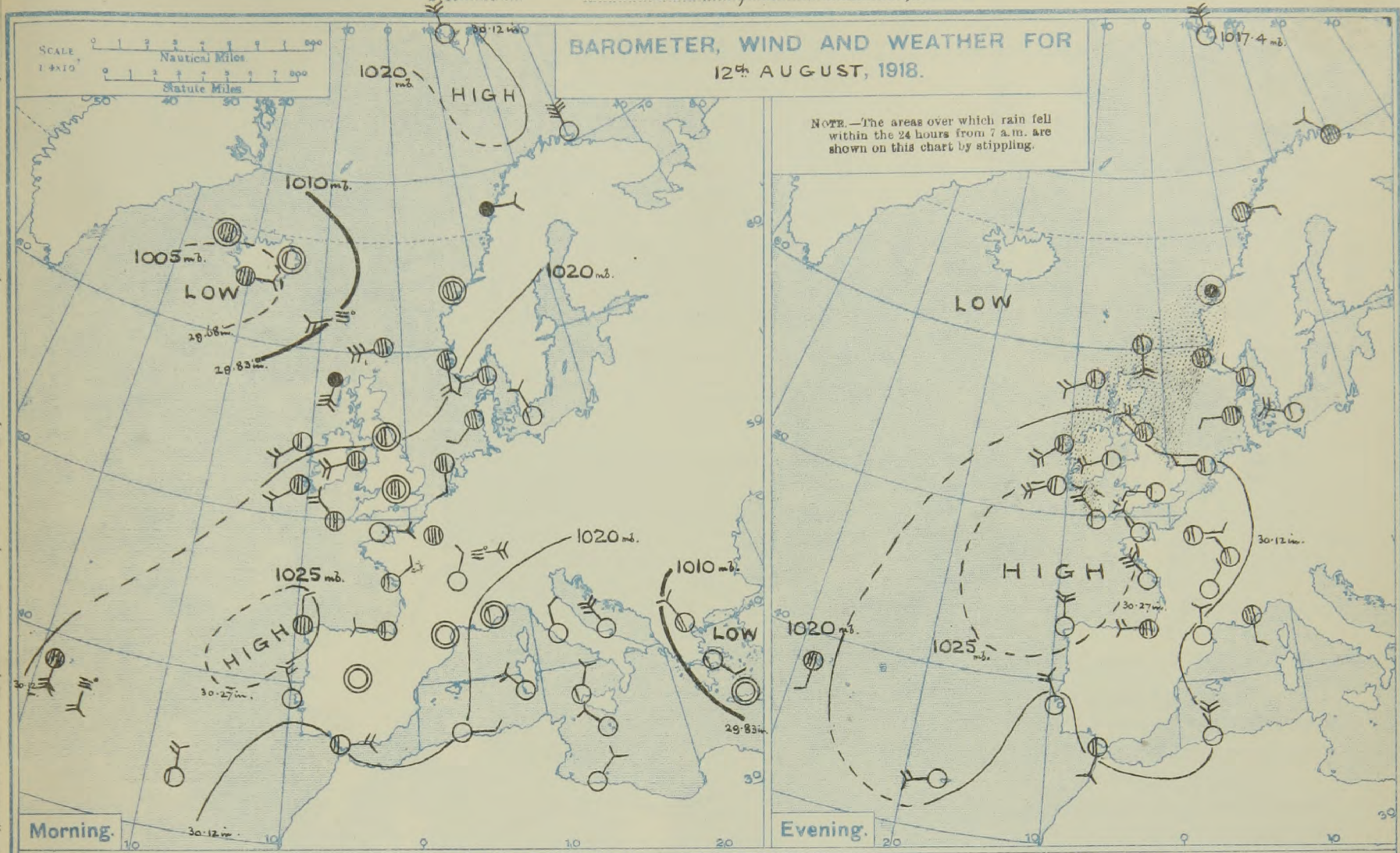
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,718 TUESDAY, 13th AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 12TH AUGUST

	STATIONS.	Evening of 11th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 12th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...							‡							*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice	1016·9	77	-	0	bc	1019·1	*	?		?	?	0	-	84	70
	Turin	1018·3	?	-	0	b	1019·5	*	68	+4	-	0	b	-	86	59
	Pesaro						1019·5	*	77	+9	-	0	b	-	77	59
	Leghorn ...						1018·9	*	73	0	-	0	b	-	79	66
	Rome	1015·9	70	N	2	b	1018·3	*	70	-2	N	1	b	-	82	64
	Viesti	1013·9	72	NNW	5	c	1014·1	*	72	+2	NNW	5	b	-	75	66
	Brindisi	1011·8	73	NW	5	b	1012·9	*	75	+1	NNW	6	b	-	75	72
	Cagliari	1013·1	82	SE	4	b	1019·0	*	82	+12	NW	3	b	-	84	63
	Palermo						1017·5	*	75		NNE	2	b	-	86	64
	Tripoli						1020·6	*	77		NE	2	b	-	79	66

Morning of 12th

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1007·0	46	0	-	0	0
Reykjavik	1004·3	52	-3	SE	2	0
Vestmanna	1003·9	48	-2	E	2	0
Seydisfjord	1005·6	52	+7	-	0	b
Thorshavn	1010·1	54	-6	WSW	3	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

13th AND 14th AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·34	11·58	7·22
	4·36	11·58	7·20
Greenwich	4·44	12·5	7·26
	4·46	12·5	7·24
Wick	4·31	12·17	8·3
	4·34	12·17	8·0
Valencia	5·23	12·46	8·10
	5·25	12·46	8·8

LONDON 13th AUGUST 9h. G.M.T.	Humidity 15 h. 12th	Humidity 9 h. 13th	Sunshine for 12th	24 Hours ended 9 h. 13th: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	52	64	5·9	78	54	41	-	bc.	bcy.	bc. bm
CITY (Bunhill Row)	*	*	6·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	57	68	6·4	77	54	49	-	*	*	*
" (Roof near Charing Cross) ..	50	56	6·1	78	56	*	-	ome.	bc. c.	*
CAMDEN SQ. (British Rainfall)	49	56	6·6	80	54	50	-	b	by.	*
KENSINGTON PALACE	48	58	6·2	77	54	43	-	bc.	bcy.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 12th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1320	24·9	71·5

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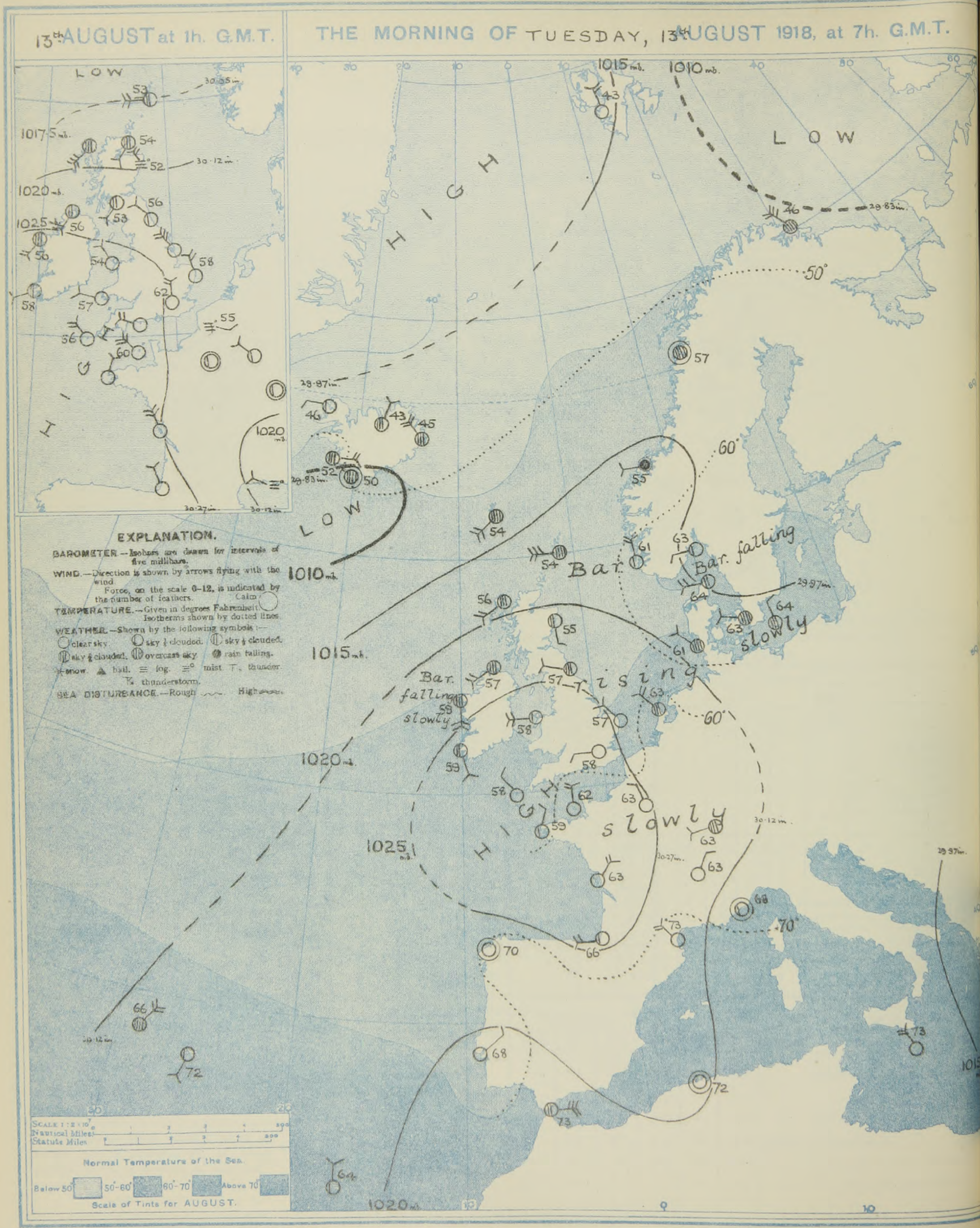
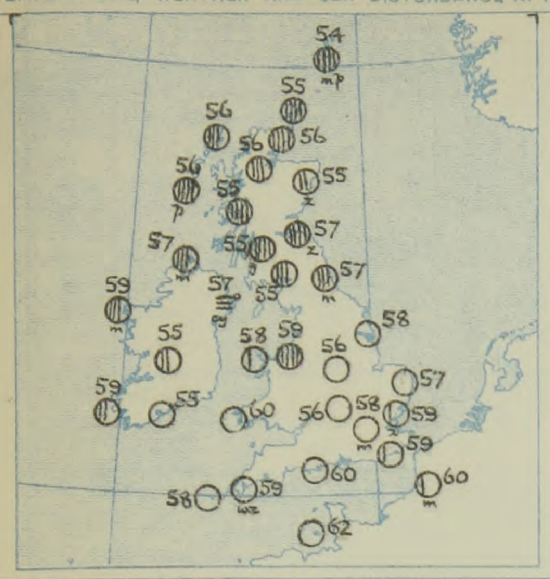
‡ The barometric change is expressed in half-millibars.

13th AUGUST at 1h. G.M.T.

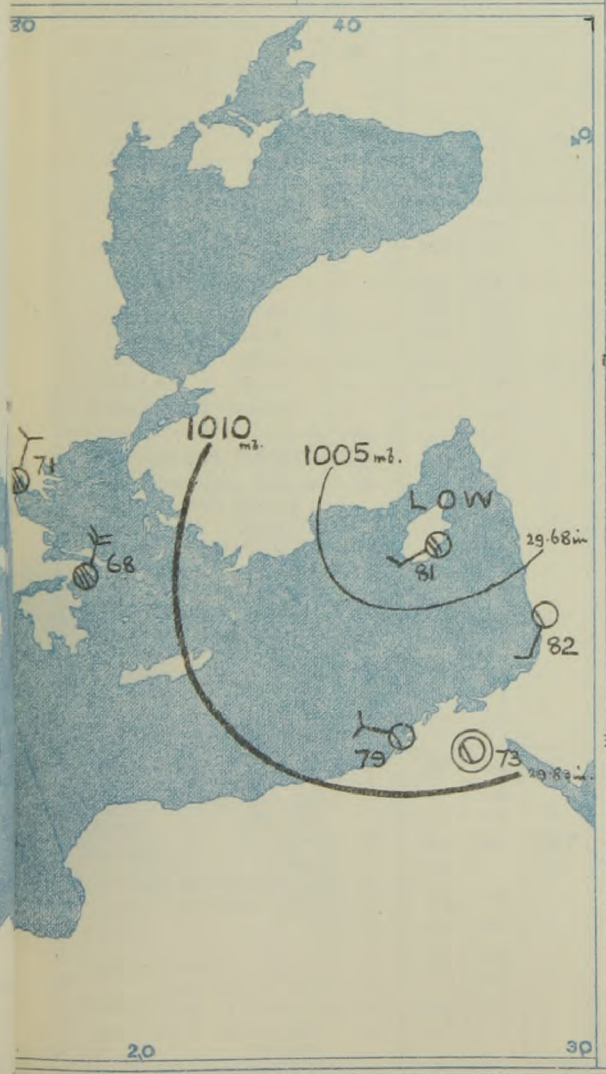
THE MORNING OF TUESDAY, 13th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Temperature reached a maximum of 78° at South Farnborough and 79° or higher over a large portion of England, as well as in the east of Scotland. Rain fell over a considerable area in the north and east, where there were local thunderstorms. As a rule the amount of rain was slight, but at Aberdeen the measurement was 21 mm., at Wick 13 mm. and at Spurn Head 7 mm. Generally the bright sunshine records were moderate to high, but at Spurn Head the value was only 2.5 hours.

The Conditions at 7h. Today

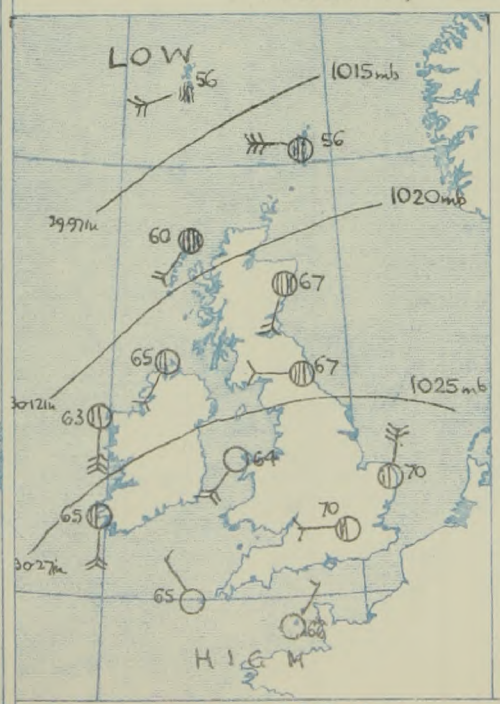
The anticyclone, which still covers a very extensive area, is now centred over England and the Channel, and the barometer is rather higher than it was 24 hours previously. A very feeble depression lies to the southward of Iceland. The wind has little force. Its general direction is SW. to W. in the west and north of these Islands and NW. in the south-east and south. Showers are reported at Castlebay and Lerwick, and rain at Christiansund; elsewhere the general character of the weather is fair to bright.

The Outlook

The anticyclone may be expected to dominate the weather conditions over England and the nearer regions of the continent for some days, but the W. and N. of these Islands are likely to come under cyclonic influence within the ensuing 24 hours or so.

R.S.

TUESDAY, 13th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The changes since 7 am. are slight and tend to confirm the general inference of this morning.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 225 (TUESDAY, 13TH AUGUST.)

	STATIONS.	Evening of 12th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0–12	Weather.	Morning of 13th: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h 13th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 12th Hours.
BRITISH ISLANDS.	Lerwick ...	1017.7	57	S	4	bc	1017.5	0	54	+1	W	5	-	omp	4	0.2	60	52	bom.	bc.	om	*
	Deerness (Orkney)	1016.9	58	SSW	3	cp	1019.3	*	55	-3	WSW	4	-	o	3	4	64	52	b.bc.	bc.c.op.	op.o.	7.6
	Stornoway ...	1017.2	60	WSW	3	bcp	1019.2	0	56	-2	SW	3	-	c	2	2	63	54	cpq	bcp	bc.c.	7.5
	Castlebay (Barra Isd.)	1019.1	58	W	4	o	1021.6	0	56	-1	WSW	4	-	op	4	1	61	55	op.bcp.	op.c.o.	o.c.op.	3.8
	Glasgow ...	1020.4	62	WSW	4	c	1024.2	+1	55	-3	W	2	-	oq	*	2	65	53	ou.c.op.	c.o.c.	c.o.bp.	4.1
	Eskdalemuir ...	1020.8	60	W	3	bc	1024.8	+1	55	-1	W	2	-	c	*	3	67	50	om.opq.	o.cy.bc.	bc.op.c.	5.4
	Malin Head ...	1021.0	60	WSW	5	bcq	1023.5	0	57	0	SW	3	SW	cm	3	0.3	62	55	bc.	bcq.	cmqp	7.8
	Blacksod Point	1023.2	60	SW	4	bcz	1023.4	-2	59	+2	S	4	-	cm	4	0.3	63	55	bc.	bcz.	bm.cp	*
	Valencia (Cahirciveen)	1026.6	62	WSW	4	bc	1027.2	0	59	+1	SSE	2	SW	bc	3	-	64	53	c.bc.o.c.	c.b.bc.	b.bc.	10.7
	Roche's Point	1025.8	64	NW	2	c	1028.3	*	55	+1	W	1	-	b	1	0.3	69	50	bc.	bc.c.	bc.bw.	*
	Birr Castle ...	1025.2	61	W	2	c	1027.7	*	55	-2	S	2	S	bc	*	-	67	52	c	c.	bc	7.2
	Donaghadee ...	1021.1	64	WNW	4	cmq	1025.0	+1	57	+1	SW	2	-	cgm	1	-	69	54	cm.bm	bm.	bm.om	*
	Liverpool (Bidston)	1022.7	65	WNW	3	b	1026.3	+1	59	-2	W	3	W	o	2	-	66	57	op.c.bc.	b.	o	8.6
	Holyhead ...	1023.4	65	WSW	3	b.	1026.6	+1	58	-1	W	4	-	b	3	-	68	55	cf.bc.b.	b.bc.b.	b	11.0
	Pembroke (St. Ann's)	1025.4	62	W	2	b.	1028.4	+2	60	+1	N	1	-	b	1	-	62	54	c.	bc.b.	b	8.4
	Hartland Quay																					*
	Scilly (St. Mary's)	1027.1	62	NW	3	b.	1029.1	0	58	0	NW	1	-	b	3	0.1	66	55	bc.	bc.b.	b	10.8
	Falmouth ...	1026.4	64	NW	4	bz.	1028.3	0	59	-3	NNW	1	-	bwz	*	-	68	54	bc.	b.bc.bz.	b.bwz	9.0
	Jersey (St. Aubin)	1024.3	68	NW	2	b.	1027.5	*	62	+3	N	3	-	b	2	-	75	58	b	b.	bc.bw.	11.8
	Portland Bill ...	1022.6	65	NW	3	bz.	1027.3	+2	60	-3	NW	3	-	b	2	-	67	57	c.b.	bc.	b	*
	Dungeness ...	1020.7	67	SW	3	bc.	1025.3	+2	59	0	NNW	3	NW	b	2	-	69	55	bc	bc.	b.bc.	*
	Wick	1017.1	57	S	1	cmp	1020.0	+2	56	-3	SW	1	-	o	1	13	61	51	bc.	bcmp.	c.omp	*
	Nairn	1017.5	62	WSW	2	cq	1020.4	*	56	0	W	1	-	c	1	Trace	68	52	cqq.	cq.	h.cq.	8.9
	Aberdeen ...	1018.0	58	-	0	cp	1021.5	+1	55	-4	S	1	NW	bcz	2	21	72	50	bc.cpt	oltrw.	cpwbc	5.8
	Leith	1019.7	64	W	2	c	1023.4	+1	57	-3	WSW	1	-	oz.	2	2	62	54	cwzp.c.	c.bcw.c.	cwcgo.	*
	Tynemouth ...	1019.8	66	NW	3	c	1023.9	+1	57	-3	WNW	2	NW	cm	2	-	73	51	bcmt	c.	bm	*
	Spurn Head ...	1021.0	64	S	2	bm	1025.1	+1	58	-3	WNW	4	-	b	3	7	68	56	cm	ctlnm.	bq.	2.5
	Yarmouth (Gorleston)	1020.4	64	S	2	bc	1024.6	+3	57	-3	NW	2	-	b	2	2	71	53	cm.c.	c.bc.	b.otlr.	5.0
	Clacton-on-Sea	1020.8	68	WSW	2	bcz.	1025.6	+3	59	-3	NW	2	-	bz.	1	-	70	53	cm.bcz	bcz.	bc.bz.	8.6
	Nottingham ...	1022.2	68	WNW	3	bc	1026.1	*	56	-6	SW	1	-	bmw	*	Trace	75	51	bcm	bc.cp.	bc.b.	7.2
	Benson (Oxon.) ...	1021.3	70	W	3	c	1027.1	+2	56	-4	-	0	-	b	*	-	76	45	bc.	bc.	b.	*
	Sth Farnborough	1021.7	73	WNW	3	bc	1027.0	+2	56	-3	WNW	2	-	bw	*	-	78	48	cm.b.o.	o.bc.	bc.bw.	9.8
	Salisbury Plain	1022.8	68	W	4	b	1027.7	+3	56	-2	-	0	-	b	*	-	74	46	b.bc.c.	bc.	bw.	11.5
	London (Kew Obsy.)	1021.4	73	W	1	by	1026.8	+3	58	-3	W	1	-	bm	*	-	75	54	cm.bc.	bc.b.	b.bc.bm	8.0
NORTHERN EUROPE.	Spitsbergen ...	1017.4	45	N	6	b	1015.5	0	43	-2	N	3	*	b	*	*	45	36				
	Vardö	1017.2	46	NW	2	o	1010.3	-3	46	+1	NW	5	-	o	5	*	48	43				
	Bodö	1015.9	57	-	0	o	1012.8	-1	57	+3	-	0	-	o	0	-	57	54				
	Christiansund ...	?1017.0	57	-	0	r	1015.5	0	55	-6	W	2	-	r	2	16	61	50				
	Skudesnaes ...	1017.1	61	-	0	c	1017.5	+1	61	0	N	3	-	b	2	6	64	55				
	Færder (X'iania Fjord)	1016.7	61	SW	4	c	1013.2	-1	63	-1	W	1	S	b	2	-	66	61				
	The Scaw (Skagen)	1018.4	63	W	1	bc	1014.8	-2	64	+1	W	3	W	bc	3	-	68	55				
	Blaavands Huk	1019.9	61	W	1	o	1019.2	0	61	-2	NW	2	-	o.	*	8	70	57				
	Copenhagen ...	1020.0	64	NW	2	b	1016.7	-1	63	0	WNW	2	-	o.	*	-	68	61				
	Bornholm ...	1019.4	64	WNW	4	b	1016.8	-2	64	+1	N	1	-	c.	0	-	66	59				
FRANCE, &c.	The Helder ...	1020.8	66	W	1	bc	1021.9	+2	63	-1	NW	3	-	c	2	-	68	57				
	C. Gris Nez ...	1021.9	64	SW	2	b	1025.6	+3	61	-5	N	2	*	b	2	-	72	59				
	La Hève	1023.5	64	NNW	2	b	1025.9	*	64	-2	NNE	4	*	b	3	-	79	59				
	Brest (St. Mathieu)	1027.1	63	N	4	b	1029.8	-1	59	-2	NNE	1	*	b	1	-	77	55				
	Rochefort (Ile d'Aix)	1023.0	70	NW	5	b	1025.8	+3	63	-1	NE	3	*	b	*	-	77	59				
	Biarritz	1024.2	70	W	3	c	1025.9	-1	66	+2	W	3	*	b	2	-	73	63				
	Paris	1021.6	72	E	1	bc	1025.8	+2	63	+4	NNW	1	W	b	*	-	77	54				
	Belfort	1020.3	70	NW	2	bc	1023.9	*	63	+4	W	2	*	c	*	-	77	54				
	Lyons	1020.8	73	-	0	b	1023.8	*	63	+2	NE	1	*	b	*	-	77	57				
	Nice	1018.6	70	S	1	c	1018.3	0	68	-2	-	0	*	b	0	-	82	61				
	Perpignan ...	1019.2	84	N	2	b	1022.6	+1	73	+9	NW	3	-	b	*	-	90	64				
	Sanguinaire ...	1019.1	86	NW	3	c	1019.0	*	75	+2	SE	2	*	b		-	84	66				
IBERIA, &c.	Corunna	1026.3	68	N	4	b	1023.4	0	70	+4	-	0	-	b	1	-	72	63				
	Madrid														*							
	Lisbon	1019.2	81	NNW	3	b	1018.6	0	68	+5	NE	1	-	b	5	-	86	63				
	Azores (Horta) ...	1019.2	*	S	b	c	1021.8	+3	66	-6	NNE	4	*	o	3	13	77	66				
	,, (P. Delgada)	1022.7	*	SSW	3	c	1023.4	+1	72	+2	SSW	2	*	b	3	-	77	70				
	Madeira	1020.2	72	WSW	3	b	1022.2	0	64	-2	N	2		b	2	-	72	64				
	Gibraltar	1020.6	73	SSW	2	bc	1019.3	*	73	0	E	5	*	bc	2	-	82	71				
	Palma																					
MEDITERRANEAN.	Algiers	1020.0	73	N	4	b	1021.2	+1	72	-1	-	0	-	b	2	-	81	66				
	Malta	*	*	*	*	*	1016.6	+2	73	0	NNW	3	-	b	1	-	81	70				
	Salonica	1008.9	76	NNW	5	bc	1013.1	+3	71	+3	NE	2	NW	c	*	-	87	68				
	Athens	1009.5	77	N	1	b	1011.6	+2	68	-7	NE	4	-	c	3	Trace	84	68				
	Candia																					
	Limassol	*	*	*	*	*	1004.4	+2	81	0	W	1	-	bc	2	-	90	66				
	Alexandria ...	1008.7	77	NW	3	b	1008.4	+1	79	+2	NW	2	NW	b	1	-	88	75				
	Cairo (Helwan) ..	1008.2	82	N	4	b	1009.5	+1	73	-2	-	0	W	b	*	-	95	70				
	Jerusalem ...	*	72	WNW	4	b	*	*	70	-2	W	2	W	bc	*	-	82	63				
	Ramleh	1007.8	81	NW	1	b	1007.6	+1	82	0	SW	1	-	b	*	-	90	70				

* Information for these columns not usually received. + Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20354 Tuesday, 14TH AUGUST, 1917. 7h. G.M.T.

NOTES OF THE WEATHER OF THE PAST 24 HOURS, BASED ON THE TELEGRAMS OF YESTERDAY EVENING AND THIS MORNING (p. 4).

Moderate temperature prevailed yesterday, few maxima reaching 70°. At most stations there was a fairly good record of bright sunshine, the best being 13 hours at Deerness, and 12 hours at Valencia. Thunderstorms occurred in many parts of the British Isles in the afternoon and night, but did not visit the south-east counties of England. Fairly heavy falls of rain occurred, the greatest amount being 20 mm. at Tynemouth.

BRITISH WEATHER RECORD, TEMPERATURE, SUNSHINE AND RAINFALL To 17h. Monday, 13TH AUGUST.

	STATIONS.	Sunshine for 12TH	Rainfall. Night. 17h-9h.	Rainfall. Day. 9h-17h.	Temperature. Max.	Temperature. Min.	Weather. Forenoon.	Weather. Afternoon.	Sunshine to 17 h. 13TH
			Mm.	Mm.	°F.	°F.			Hr.
Scotland, E.	Banff	6.7	–	–	69	54	c, bc	c, tlr, c	4.1
	Montrose	3.2	1	–	65	55	bc	bc	6.1
	Carnoustie	*	*	*	65	58	f c	b	7.8
	St. Andrews	–	–	–	68	51	b	c	6.7
Eng. N.E.	Harrogate	3.3	7	–	68	53	c, o	c, o	2.7
	Skegness	8.1	Trace	–	68	57	o, bcp	bc	5.9
England, E.	Lowestoft	–	1	–	68	57	op, c	c, bc	5.1
	Felixstowe	10.0	4	–	67	58	c, bc	bc	6.4
	Walton-on-Naze	–	2	–	67	58	bc	b	6.0
	Southend-on-Sea	10.4	3	–	74	57	c, bc	bc, bv	6.7
England, S.E.	Margate	–	Trace	–	70	57	c, bc	b	6.3
	Hastings	8.1	–	–	66	59	bc, o, b	b	6.2
	Eastbourne	9.3	6	–	65	56	o, bc	b, bc	6.7
	Seaford	*	*	*	68	55	o, bc	b	6.3
	Brighton	–	6	–	65	56	c	c	6.3
	Worthing	9.8	3	–	68	58	bc	b	8.3
	Littlehampton	–	*	*	70	59	–	–	9.5
	Bognor	*	*	*					
	Bournemouth	7.5	Trace	Trace	67	57	bc, c	c, o	7.6
Scot'ld W.	Oban	4.5	3	1	66	55	o	bc, c	3.2
Eng. N.W.	Morecambe	–	–	–	69	54	*	*	4.0
	Southport	5.4	Trace	–	69	54	c, bc, c	c, bc tp	1.2
Midlands.	Malvern	–	–	–	70	55	bc	bc, c	5.6
	Ross-on-Wye								
Wales.	Rhyl	5.1	–	1	69	55	bc, o, c	bcp, c	0.8
	Colwyn Bay	*	*	*	68	53	bc	cp	3.1
	Llandudno	*	*	*	66	56	cp	p	3.2
	Aberystwyth	*	*	*	67	57	r, o, c	c, o	7.0
England, S.W.	Weymouth	*	*	*	68	57	bc	cp	4.7
	Torquay	8.7	–	3	66	59	o, cp	cp, or	0.3
	Paignton	*	*	*					*
	Penzance	–	5	3	65	56	bc	bc, cp, r	4.3
	Newquay	5.9	3	Trace	67	55	op, b	op, b, op	4.1
	Bude								
	Ilfracombe	–	3	3	66	58	bc, op	cp	3.2
	Weston-s-Mare	–	5	Trace	68	55	b, bcp	bcp, c	5.0

WEATHER TELEGRAMS FROM FOREIGN STATIONS OF Monday, 13TH AUGUST, 1917.

	STATIONS.	Evening of 12TH: Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0–12.	Weather.	Morning of 13TH AUGT: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F.					°F	°F
RUSSIA 7 a.m. and 9 p.m. Local Time.	Archangel	1016.0	55	ENE	3	c	1017.9	+1	52	+6	E	3	b	–	*	43
	Gorki						1009.0	*	64	+3	–	0	0	3	*	61
	Velieki Luki							*							*	
	Hangö	1010.1	68	–	0	c	1011.0	0	64	.	–	0	0	–	*	61
	Riga	1010.3	64	–	0	c	1012.0	+1	63	–1	WSW	1	0	–	*	63
	Petrograd	1010.1	66	NE	2	bc	1011.3	+1	63	–5	ENE	2	m	–	75	61
	Moscow	1007.9	68	ENE	2	b	1008.7	+2	63	–1	ENE	2	b	–	*	59
	Kiev	1009.7	63	NNE	2	c	1010.0	+1	61	0	NW	3	0	–	*	59
	Kharkov	1007.4	63	W	6	0	1007.1	+1	63	0	–	0	0	–	*	59
	Kishinev														*	
	Elisabetgrad	1009.0	63	NW	2	c									*	
	Nicolaiev							*							*	
	Odessa	1011.1	66	NW	2	b									*	
	Tarkhankout							*							*	
	Soukhoum														*	
MEDITERRANEAN.	Venice	1014.3	75	SW	1	b	?	*	73	–2	NE	1	b	–	84	72
	Pesaro	1015.1	73	–	0	b	1017.1	*	73	0	–	0	b	–	82	64
	Rome	1015.7	77	W	1	b	1017.9	*	73	+1	NW	1	b	–	88	66
	Viesti	1014.9	77	–	0	b	1016.5	*	81	–3	NW	2	b	–	82	73
	Brindisi	1011.7	75	WNW	2	b	1013.7	*	73	–2	NW	2	b	–	75	73
	Cagliari	1014.9	81	SE	3	b	1014.3	*	73	0	SE	5	c	–	84	64
	Palermo	1015.4	73	–	0	b	1016.9	*	75	0	–	0	b	–	89	63
	Tripoli							*								
	Algiers	1009.2	81	NE	2	c	1010.0	+4	81	+6	NNW	4	b	–	88	75
SWEDEN.	Hernösand	1010.2	64	W	2	c	1010.4	*	63	+6	SE	4	o	*	*	*
	Stockholm	1010.2	63	–	0	o	1012.3	*	66	+5	W	4	c	*	*	*
	Wisby	1009.3	64	–	0	b	1013.5	*	64	+9	NW	4	b	*	*	*

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0–12.	Weather.
		°F	F			
Isafjord	1018.2	48	0	–	0	b
Reykjavik	1015.1	48	–7	E	2	b
Vestmanna	1015.2	48	–4	E	1	r
Seydisfjord	1016.3	46	–2	–	0	c
Thorshavn	1005.7	55	+1	E	2	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

14TH & 15TH AUGT 1917.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4.36	11.58	7.20
	4.37	11.57	7.18
Greenwich	4.46	12.5	7.24
	4.47	12.4	7.22
Wick	4.34	12.17	8.0
	4.36	12.16	7.58
Valencia	5.25	12.46	8.8
	5.26	12.45	8.6

Printed at the Meteorological Office, South Kensington, London, S.W.7.
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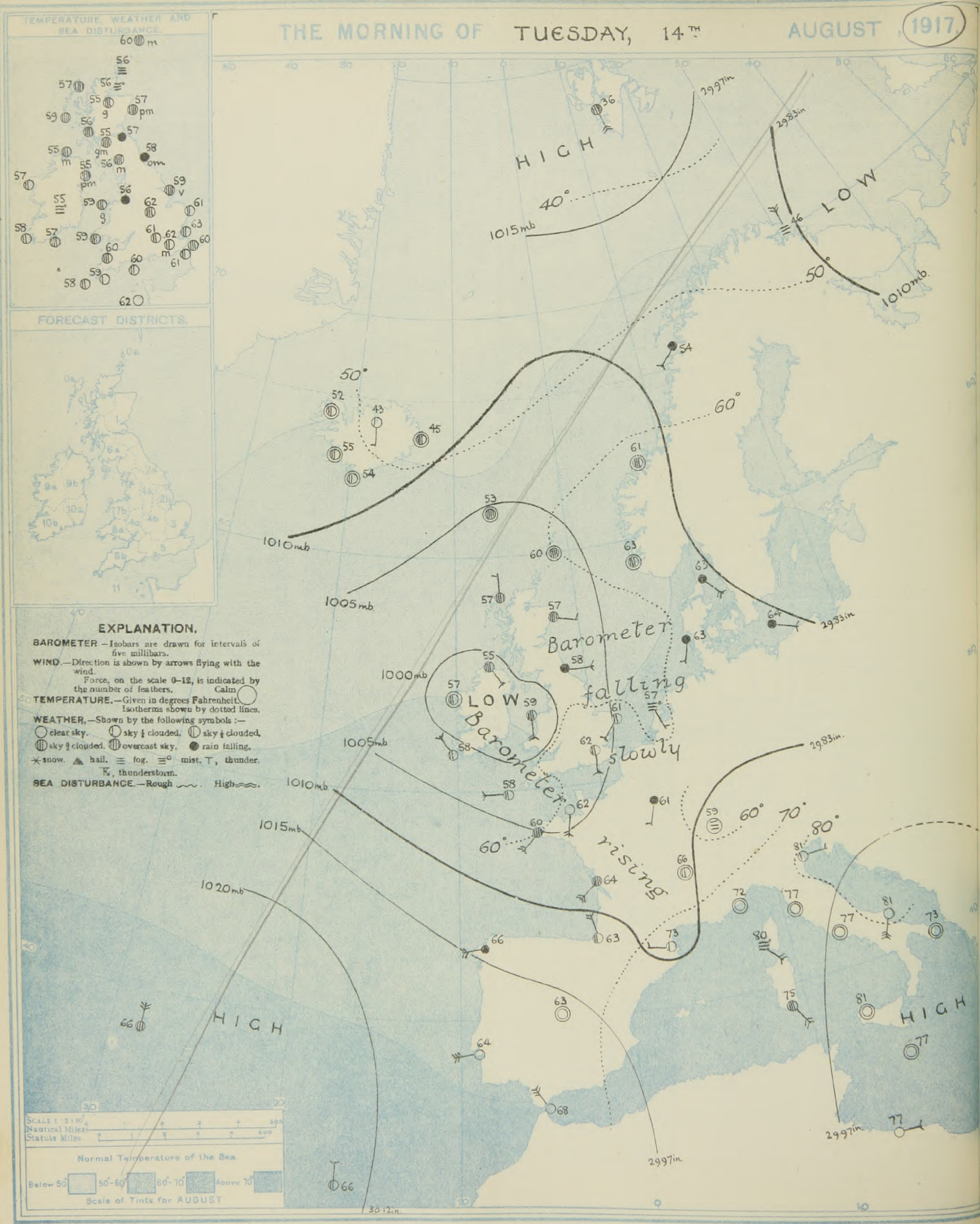
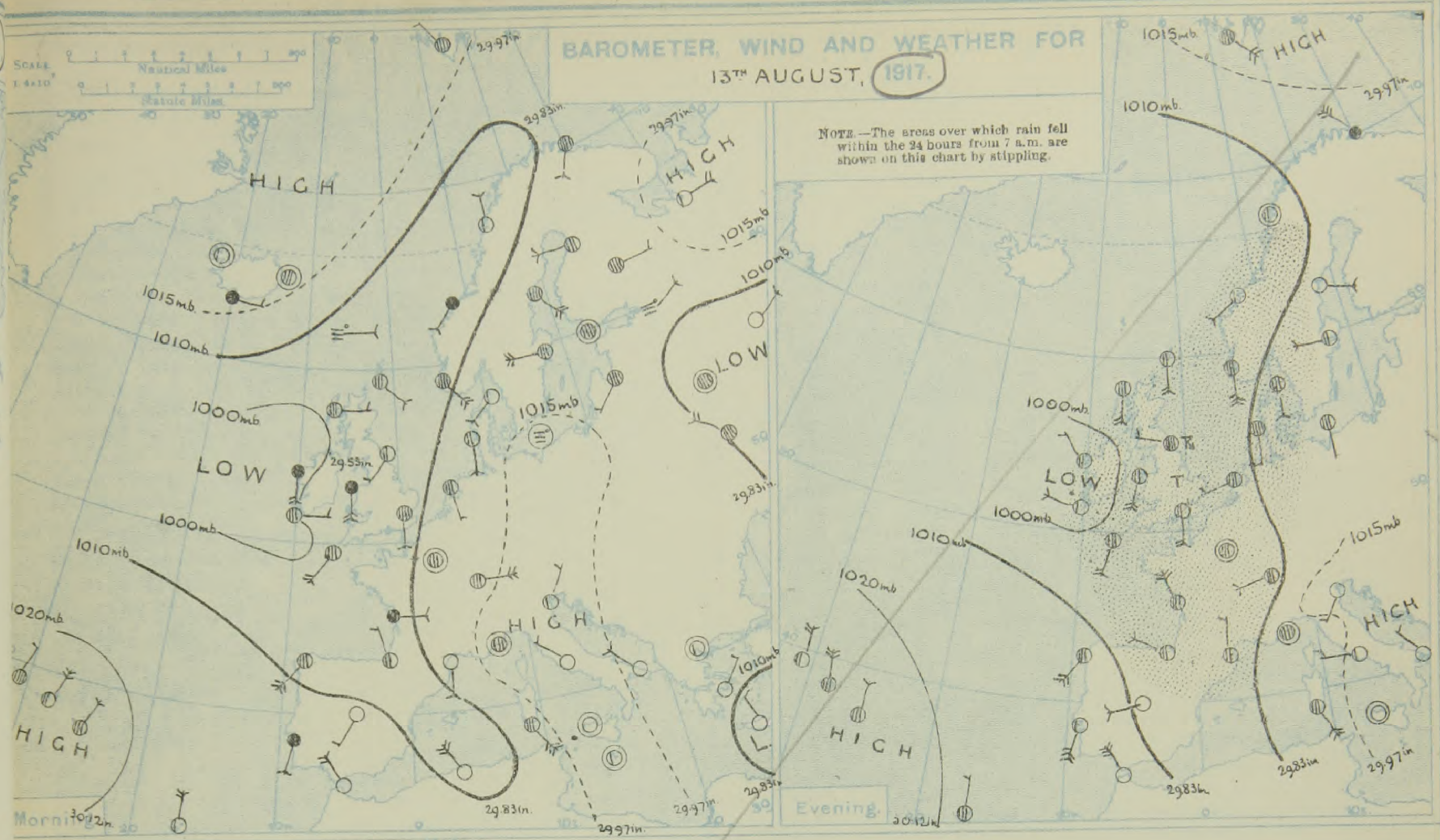
‡ The barometric change is expressed in half-millibars.

THE MORNING OF TUESDAY, 14TH AUGUST, 1917.





Notes on the General Situation at 7h. to-day

A shallow depression lies over Ireland and the Irish Sea. The gradient is slight and light winds are general, Westerly at the Mouth of the Channel, Southerly over England, and Easterly in Scotland. The weather is dull in Scotland, but fairer in England and Ireland. Rain is falling at some stations in the neighbourhood of the Irish Sea and in Denmark.

The Outlook

The depression over Ireland is making very slow progress towards the east, and is likely to maintain showery weather with light Southerly or South-Westerly breezes over the country generally. More thunderstorms are likely to occur in the afternoon and at night. Temperature will differ little from the average.

R. G. K. LEMPFERT, Superintendent, Forecast Division. NAPIER SHAW, Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, (1917.) No. 226 { Tuesday, 14th AUGUST.

	STATIONS.	Evening of 13th. Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 14th. Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 a.m. 14th. Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 13th. Hours.
BRITISH ISLANDS.	Lerwick ...	1002·8	60	S	3	bcm	1004·2	0	60	+1	–	0	–	om	0	–	63	57	bc	bcm	bcm	*
	Deerness (Orkney)	1002·7	59	SSE	3	bc	1003·7	*	56	−2	SSE	3	–	f	3	–	62	55	b.bc	bc	bc.cf	12·8
	Stornoway ...	1001·7	61	S	3	c	1002·1	0	57	0	N	1	–	o	1	0·4	66	52	cp	c	bc.o	5·3
	Castlebay (Barra Isd.)	1001·6	61	SE	4	bc	1002·1	0	59	+1	NE	2	–	o	2	0·2	62	56	or.bc.o	o.bc	bc.o	3·5
	Glasgow ...	1002·6	59	–	0	cmu	1001·0	−1	55	−1	E	2	–	omg	*	21	63	54	op.ctp	omp.cu	omp	2·0
	Eskdalemuir ...	1003·1	60	SW	2	o	1001·0	−1	56	+1	–	0	–	om	*	4	62	54	o.op.o	o.op.o	o.or.c.o	1·8
	Malin Head ...	1000·1	57	E	1	cmr	999·6	+1	55	−1	SE	2	E	cm	2	6	67	53	bc	cm.otl	cm	5·5
	Blacksod Point	999·2	61	NW	1	bc	999·2	+2	57	+2	–	0	–	bc	1	3	63	54	bc	bc	cg.p.bc	*
	Valencia (Cahirciveen)	999·5	63	WNW	2	b	1001·1	+2	58	−1	NW	2	N	bc	2	1	70	52	c.bc	c.bc.b	dw.bcp	11·9
	Roche's Point	999·1	61	ESE	1	o	1001·1	*	57	−4	NW	2	W	c	2	0·3	65	54	bc.c	cp.o	cg.c	*
	Birr Castle ...	998·7	63	N	1	c	999·7	*	55	0	SW	1	–	m	*	7	65	53	cp	cpt	cz	5·9
	Donaghadee ...	1001·3	58	SSE	3	cm	999·8	+1	55	0	SE	2	–	omp	2	1	65	54	bcm	bcqz	om.omp	*
	Liverpool (Bidston)	1002·0	62	SSE	2	o	999·8	−1	56	−1	SE	2	SE	r	2	6	70	55	bc	bcp	or	2·8
	Holyhead ...	1001·2	62	SSW	4	bcg	999·0	−1	59	+1	S	3	SW	cg	1	12	65	56	cp.op.c	cp.tlr	cpl.op	5·0
	Pembroke (St. Ann's)	1000·7	58	SSW	3	ogp	999·9	+2	59	+1	SW	2	W	c	3	18	63	57	cqr.c	cq.p	or.cp	5·2
	Hartland Quay	1001·6	63	S	4	bcl	1000·6	0	60	−1	SSW	4	–	c	3	2	66	59	cp	bcr.p	cbcp	*
	Scilly (St. Mary's)	1001·0	60	SSW	3	cqp	1002·1	+1	58	−1	W	2	W	bc	4	9	65	56	cqp	cqp	cp.cqp	5·0
	Falmouth ...	1001·9	62	SW	3	c	1001·2	+1	59	0	SW	1	SW	b	*	7	64	55	c.o	o.c	tlr.c.b	2·3
	Jersey (St. Aubin)	1006·6	61	SW	3	o	1004·5	*	62	+2	SSW	3	–	b	3	8	69	59	bc.b	b.op	b.opb	6·3
	Portland Bill ...	1004·9	59	SSE	4	ou	1002·4	−2	60	0	SW	5	S	bc	4	1	64	57	bc	cr.o	c.bcp	*
	Dungeness ...	1007·2	64	SW	2	bc	1005·3	−1	61	0	SW	4	SW	bc	3	0·3	67	60	bc	bc	bcp.c	*
	Dover	1007·2		SW	2	b	1005·0	0	60	0	SSE	4	S	c	4	–	64	56	o.bc	b	b.bc.c	9·3
	Wick	1001·7	59	W	1	c	1002·1	0	56	−1	SE	2	–	m	2	1	62	54	bcm	bcmp	bcp.om	*
	Nairn	1002·0	61	–	0	cu	1001·7	*	55	−1	–	0	–	cg	1	2	67	49	c.bc	tlru	cg	3·3
	Aberdeen ...	1003·7	61	S	2	bc	1002·4	−1	57	−2	ESE	1	–	omp	2	1	66	57	bc.b	b.bc	cmp.op	7·2
	Leith	1002·9	58	E	1	c	1000·3	−1	57	−4	E	1	–	r	2	14	66	56	c.oup.c	c.tlr.c	c.or	*
	Tynemouth ...	1003·8	58	WNW	1	otl	1001·8	0	58	+1	E	2	–	omr	3	20	65	[illegible]	cmp	otl	om.tlr	*
	Spurn Head ...	1004·6	61	SE	4	bc	1003·5	−1	59	+1	S	3	–	or	3	4	64	58	cp	bc	or.c	4·3
	Yarmouth (Gorleston)	1006·6	64	S	4	b	1005·2	−2	61	+2	SW	2	–	bc	2	7	67	57	bc	bp	b.bcp	4·9
	Clacton-on-Sea	1006·3	67	S	3	b	1005·2	−1	63	+1	SSW	3	SW	bc	2	1	68	61	c.bc	bc.b	bcp.bc	8·0
	Nottingham ...	1004·6	64	SSE	2	cpt	1001·9	*	62	+3	S	1	S	o	*	3	72	55	o.c	bc.c	c.or	5·1
	Benson (Oxon.) ...	1005·1	62	SSE	2	r	1002·4	−1	61	+2	SE	3	–	bc	*	7	70	57	bc	bc	r.bcm	*
	Sth Farnborough	1005·2	64	S	2	o	1003·2	−1	62	+2	S	2	S	c	*	1	71	57	o.bc.c	c.bc.o	or.bc.or.c	8·1
	London (Kew Obsy.)	1005·7	70	S	3	bcr	1004·1	−1	62	+1	S	2	–	bcm	*	2	70	55	om.o.c	bc.b	bcr.or.bc	10·4
NORTHERN EUROPE.	Spitsbergen ...	1016·0	34	SE	3	o	1015·8	−1	36	+2	S	4	*	o	*	*	36	32				
	Vardö	1012·3	45	NW	5	r	1010·4	0	46	−2	N	4	–	f	3	*	48	36				
	Bodö	1007·6	57	–	0	bc	1010·8	+2	54	−3	SW	2	–	r	2	?	57	52				
	Christiansund ...	1009·2	61	SW	2	b	1009·6	0	61	+4	–	0	–	c	2	2	66	57				
	Skudesnaes ...	1008·4	63	S	5	c	1006·2	−2	63	+2	–	0	–	c	2	Trace	66	59				
	Færder (X'ianiaFjord)	1011·8	64	SSW	2	c	1010·0	0	63	0	SE	4	–	r	1	2	66	61				
	The Scaw (Skagen)	1011·8	64	S	2	c	1009·0	−1	63	+2	SE	3	–	r	3	9	68	59				
	Blaavands Huk	1010·3	66	S	1	o	1007·4	*	63	−1	SSW	1	–	r	*	2	72	55				
	Copenhagen ...	1012·6	66	SSW	2	c	1008·3	−2	64	0	SE	2	–	o	*	7	70	63				
	Bornholm ...	1014·2	66	S	1	c	1009·9	−2	64	−2	ESE	2	–	r	0	Trace	70	61				
FRANCE, &c.	The Helder ...	1007·7	66	WSW	1	c	1006·0	−1	57	−2	SSE	1	–	m	0	Trace	70	54				
	C. Gris Nez ...	1007·1	65	SW	1	b	1005·9	−1	61	0	S	2	*	c	1	Trace	70	59				
	La Hève	1006·8	68	S	3	bc	1007·5	*	60	+1	SW	3	*	b	3	8	70	54				
	Brest (St. Mathieu)	1005·5	62	S	4	bc	1004·3	0	60	+1	SW	3	*	o	4	4	64	59				
	Rochefort (Ile d'Aix)	1008·2	70	WNW	4	c	1009·0	+1	64	+3	SW	4	*	o	*	2	77	61				
	Biarritz	1008·8	73	WNW	2	c	1011·2	+5	63	−5	NNW	3	*	bc	3	4	79	61				
	Paris	1007·8	66	–	0	c	1007·9	0	61	0	SSW	1	–	r	*	2	70	57				
	Belfort	1009·2	73	WSW	2	c	1011·9	*	59	−7	–	0	*	f	*	20	82	55				
	Lyons	1007·6	79	SW	3	b	1009·0	*	66	−4	WNW	1	*	bc	*	2	83	61				
	Nice	1014·0	70	–	0	o	1011·9	0	72	+3	–	0	*	b	3	Trace	84	66				
	Perpignan ...	1007·5	77	N	1	bc	1009·0	0	73	0	W	1	–	b	*	–	82	68				
	Sanguinaire ...	1011·6	82	NW	3	b	1011·2	*	80		SE	3	*	m	4	–	93	72				
SOUTHERN STATIONS.	Corunna	1010·4	70	SW	4	c	1014·3	+3	66	+3	WSW	4	–	r	2	–	72	61				
	Madrid	1009·2	80	WSW	2	b	1016·0	+2	63	−5	–	0	–	b	*	–	82	59				
	Lisbon	1013·5	72	SSW	5	bc	1017·9	+2	64	−2	WSW	5	–	b	2	–	73	68				
	Azores (Horta) ...	1022·7	*	NNW	4	c	1021·3	+1	66	0	N	4	*	c	2	–	79	64				
	Madeira	1018·6	72	N	1	c	1020·4	*	66	0	N	2	–	bc	2	–	73	66				
	Gibraltar	1016·2	72	NW	5	b	1016·6	*	68	0	NW	5	*	b	3	–	85	66				
	Malta	*	*	*	*	*	1016·6	+1	77	−2	–	0	–	b	0	–	84	73				
	Limassol	*	*	*	*	*	1005·4	+2	86	+2	–	0	–	b	0	–	91	63				
	Alexandria ...	1008·4	79	NW	2	b	1008·6	+2	80	0	–	0	–	b	0	–	88	73				
	Cairo (Helwan) ...	1007·2	86	N	3	b	1008·4	+2	75	0	N	2	–	bc	*	–	97	73				

NOTE

AURORA

was observed last night at

STORNOWAY, CAHIRCIVEEN (at 23h.) and at DONAGHADEE (at 1h.).

LONDON 14th August, 9h. G.M.T.	Humidity. 15h. 13th	Humidity. 9h. 14th	Sunshine for 13th	24 hours ended 9h. 14th. Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	52	68	9·9	72	54	44	1	bcb.bc	b.c	o.or.c.b
CITY (Bunhill Row)	*	*	9·7	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	55	67	10·3	72	58	54	Trace	bc	bc	bc.or
CAMDEN SQ. (British Rainfall) ..	62	70	10·2	76	57	54	Trace	bc	bc	*
HAMPSTEAD (Reservoir)	*	73	7·9	69	55	47	1	bc	cp	c.op
S. KENSINGTON (Museum Grounds)	*	78	10·6	72	57	52	1	bc	bc	cp.c

SOUTH KENSINGTON.

Vertical Component of Solar Radiation per square Centimetre during 13th.

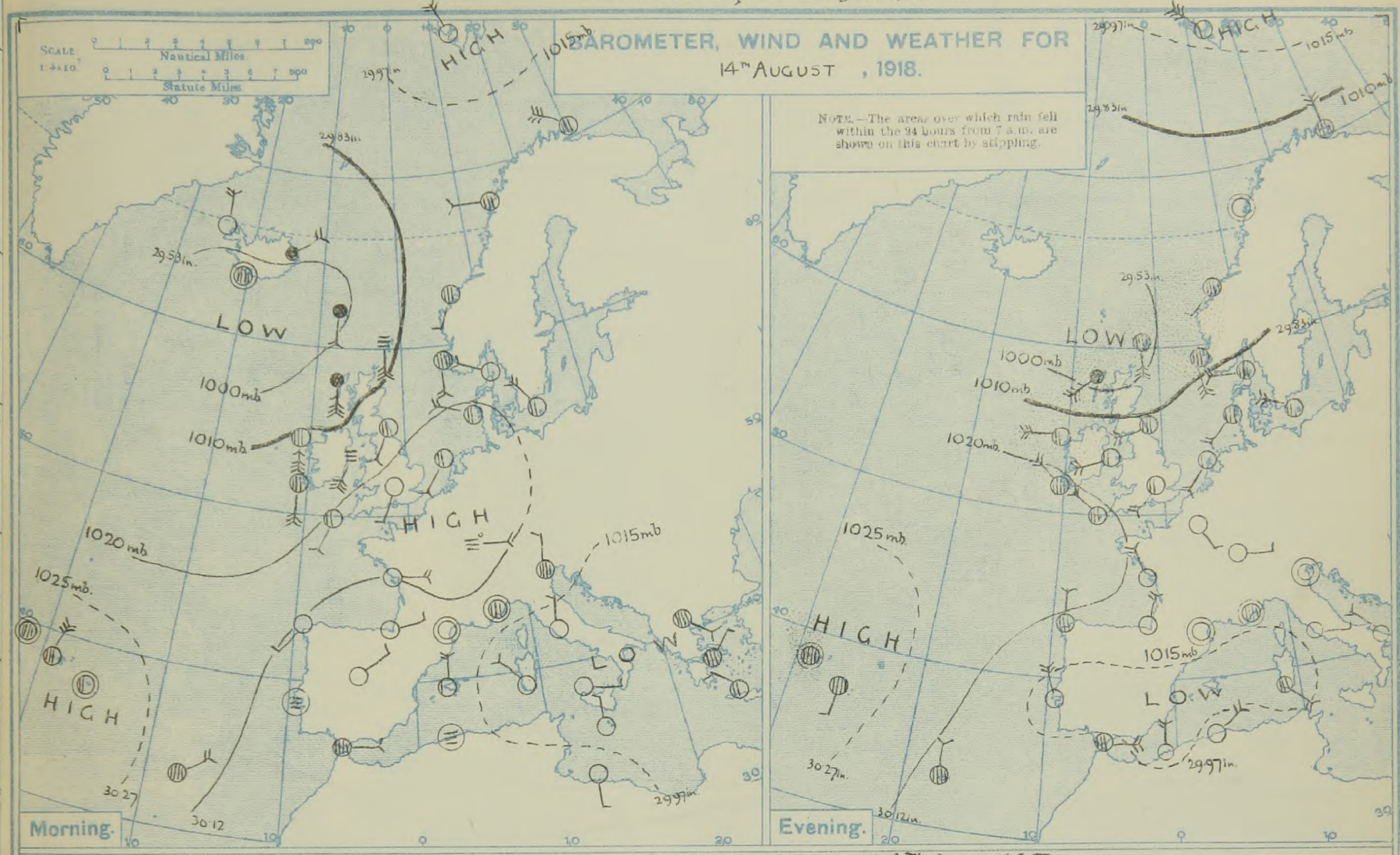
Total.	Average Rate.	Max Rate.
Joules.	Milliwatts.	Milliwatts.
1670	31·6	81.

The thermometers at Greenwich and Camden Square are in Glaisher screens.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,720. Thursday, 15th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 14TH AUGUST

	STATIONS.	Evening of 13th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 14th: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice	1015·9	70	NNE	1	b	1017·9	*	68	0	N	1	0	1	81	64
	Turin	1016·7	73	–	0	b	1018·1	*	68	0	–	0	b	–	82	64
	Pesaro						?	*	72	?	NE	3	0	–	81	60
	Leghorn ...	1015·0	73	–	0	b	1015·7	*	73	0	NE	1	b	–	79	66
	Rome	1014·6	77	W	?	b	1013·9	*	72	0	N	1	b	–	86	64
	Viesti						1013·3	*	77	+4	NW	1	bc	–	81	63
	Brindisi							*								
	Cagliari						1013·5	*	66	–10	NW	2	b	–	84	66
	Palermo	1015·5	70	SSW	3	b	1013·5	*	73	–2	ENE	1	b	–	84	66
	Tripoli						1017·0	*	75	–2	S	1	b	–	81	63

Morning of 14th:

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1005·4	48	+2	N	3	b
Reykjavik	997·2	50	–2	N	4	f
Vestmanna	996·2	45	–5	–	0	0
Seydisfjord	1000·3	41	–4	NE	3	r
Thorshavn	998·2	57	+3	S	3	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

15th & 16th AUGUST 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·37	11·57	7·18
	4·38	11·57	7·16
Greenwich	4·47	12·4	7·22
	4·48	12·4	7·20
Wick	4·36	12·16	7·58
	4·38	12·16	7·55
Valencia	5·26	12·46	8·6
	5·27	12·45	8·4

LONDON ...15th August 9h. G.M.T.	Humidity. 15 h. 14th	Humidity. 9 h. 15th	Sunshine for 14th	24 Hours ended 9 h. 15th: Temperature. Max.	Min.	Min. on Grass	Rainfall.	Weather. Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	51	64	12·5	78	55	43	–	b	b.bc	b
CITY (Bunhill Row)	*	*	11·5	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	63	71	12·0	77	56	50·5	–	*	*	*
" (Roof near Charing Cross)	52	59	11·6	78	57	*	–	b	b.bc	*
CAMDEN SQ. (British Rainfall)	47	62	10·1	80	55	51	–	b	b	*
KENSINGTON PALACE	49	59	11·5	78	55	43	–	b	b.bc	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during ....14th....

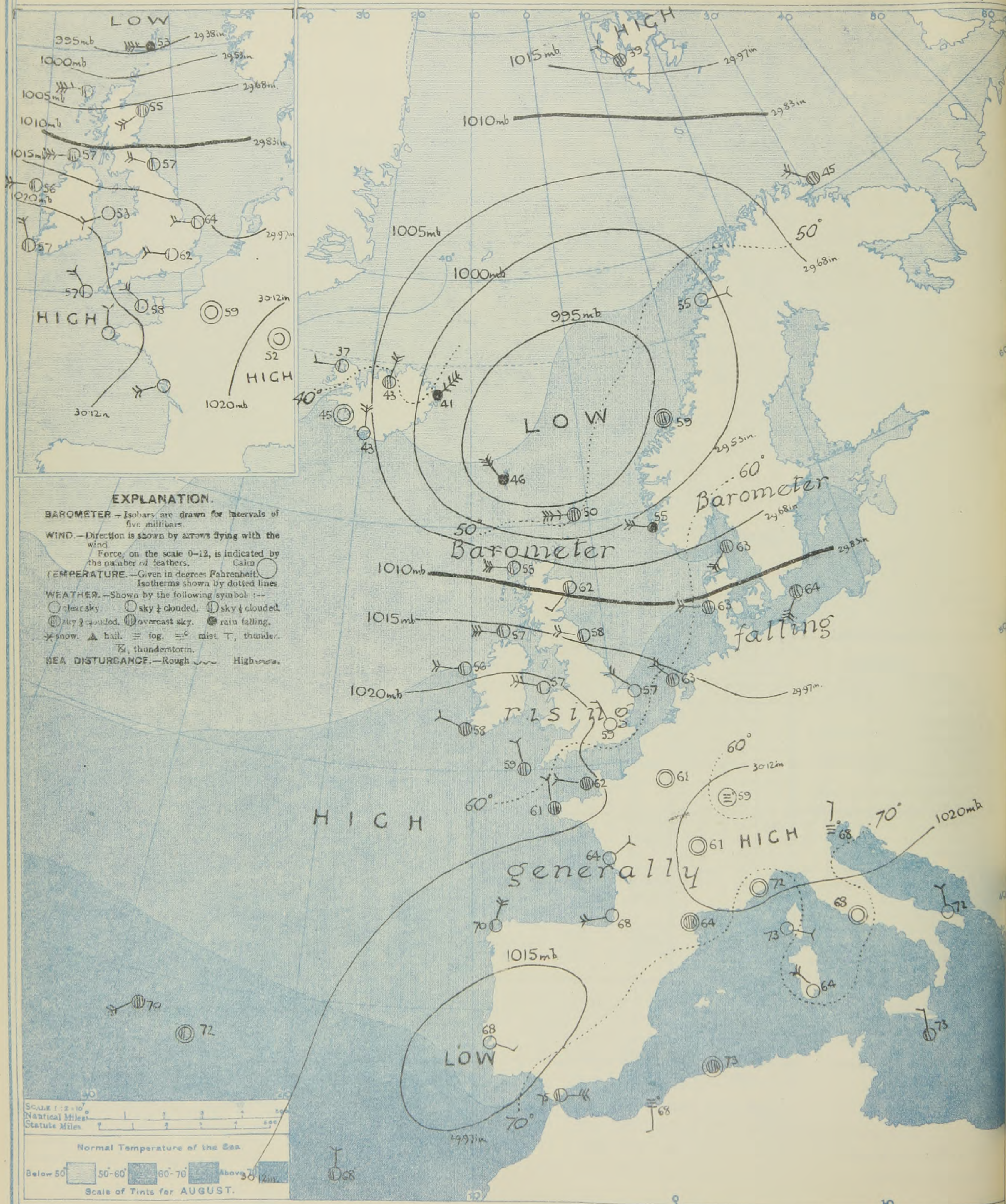
Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1990	37·8	70

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

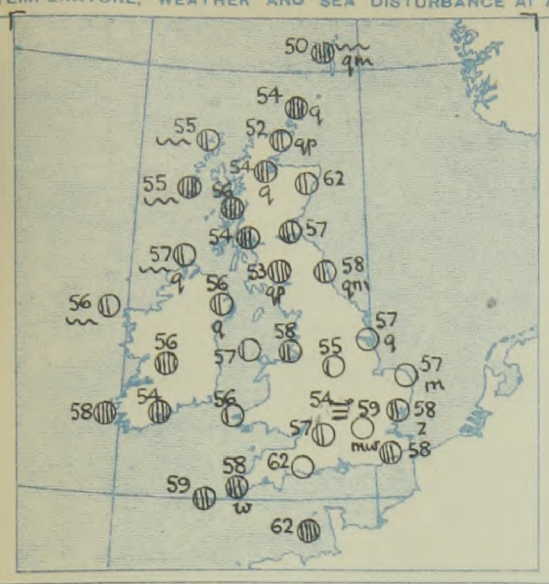
‡ The barometric change is expressed in half-millibars.

Printed at the Meteorological Office, South Kensington, London, S.W.7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

15TH AUGUST at 1h. G.M.T. | THE MORNING OF Thursday, 15TH AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.

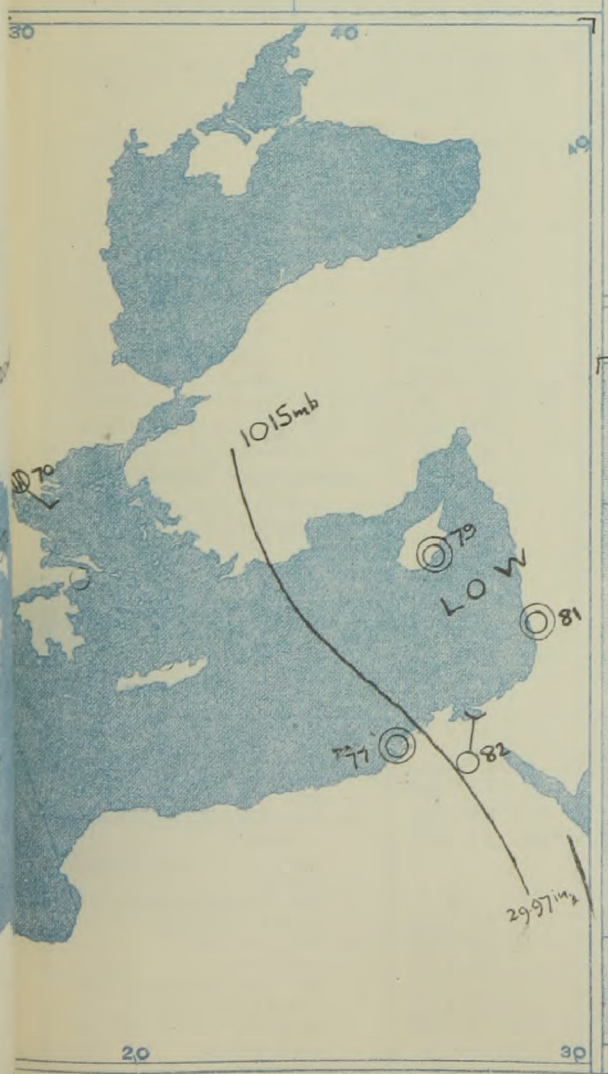


GALES.

Eskdalemuir
Gusts 22 m/s at 15h. 14th.

Blacksod. Point
Gale 7am ~ 10am. 14th.
Extreme S8.

Malin. Head (L. Foyle)
Gale 11h ~ 18h. 14th
Extreme WSW 9 at 11h. 14th
Gust 26 m/s.



Notes on the Weather of the 24 hours ended 7h. Today

Temperature rose to 79° at Nottingham and to 75° and above over a large area in England. Bright sunshine was slight or moderate in Scotland and most parts of Ireland, very abundant in the Southern half of England and the Channel Isles. Slight rain was experienced in Scotland, Ireland and Anglesey.

The Conditions at 7h. Today

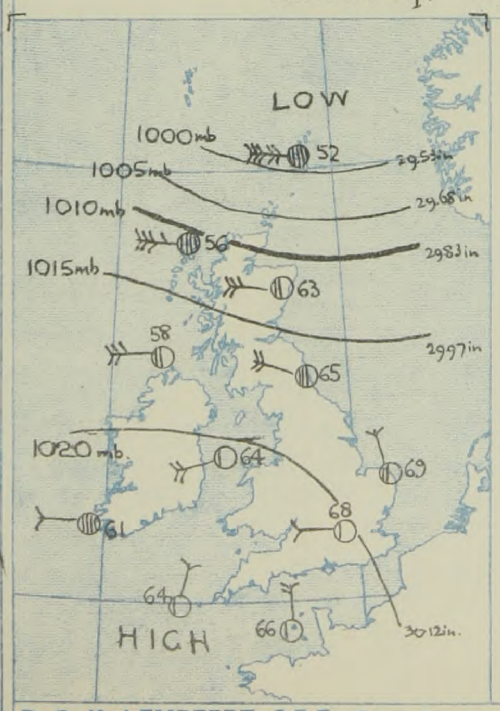
An anticyclone stretches from beyond the Azores to Ireland and the west of England, while a large depression is centred between Iceland and Norway. The barometer is now rising throughout the United Kingdom, falling slowly in Scandinavia. The W. to NW. winds now general in these Islands and over the North Sea are light or moderate generally, but fresh on the north coast of Scotland, and blow a gale in Shetland. In Iceland, where the wind is N. or NE., a gale is reported at Seydisfjord. Rain is falling at Thorshavn and Skudesnaes, and showers prevail locally in Scotland, but generally the weather is fair or bright. Temperature has fallen in nearly all parts of the United Kingdom.

The Outlook

The anticyclone appears likely to extend still further over these Islands and fair weather is probable generally - for a longer period in the south than in the north and north-west.

H. S.

Thursday, 15TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



As anticipated at 7 a.m. a slight increase of pressure has occurred over the British Isles, with little change in the wind. At Lerwick, however, the gale has become more violent.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn.

H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 227

THURSDAY 15TH AUGUST

	STATIONS	Evening of 14TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 15TH: Barometer. Millibars at M.S.L.	Change in 3 hours. ÷	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h. 15TH: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 14TH Hours.
BRITISH ISLANDS.	Lerwick ...	997.5	56	S	6	omq	995.7	+5	50	-5	W	8	-	omq	5	3	56	49	cmq	omq	omq	*
	Deerness (Orkney)	997.9	58	SW	6	bcq	1002.4	*	54	-3	W	5	-	oq	4	2	62	52	bc.c	c.bc.pq	bc.cpq	4.8
	Stornoway ...	997.1	58	SW	7	orq	1007.6	+4	55	-1	W	6	-	bc	5	4	61	52	or.cpq	c.orq	o.bcpq	1.6
	Castlebay (Barra Isd.)	1005.0	56	W	6	o	1013.0	+4	55	-2	WNW	5	W	o	5	0.4	59	54	op	op.bco	o.c.b	2.0
	Glasgow ...	1009.8	58	WSW	5	c	1014.1	+3	54	-3	WSW	4	W	c	*	4	64	53	c.or.oq	o.cq	c.bc.cq	2.4
	Eskdalemuir ...	1010.7	58	W	5	bc	1015.3	+2	53	-3	WSW	4	-	opq	*	5	61	52	o.orm	odm.op	bcq.op	1.5
	Malin Head ...	1010.6	58	WSW	6	cmqp	1015.2	+2	57	0	W	6	W	bcq	5	1	63	53	bcqp	cmqp	bcq	6.3
	Blacksod Point	1016.0	58	W	5	bcm	1019.4	+1	56	-3	W	4	-	cm	5	1	61	54	bcz	bcm	bc.bcp	*
	Valencia (Cahirciveen)	1020.3	60	WNW	4	o	1023.1	+1	58	-2	WNW	2	W	o	4	0.2	64	56	c.o.bcc	c.bc.o	bc.op	5.2
	Roche's Point	1018.8	62	NW	3	c	1022.9	*	54	-5	W	2	-	o	2	1	67	52	do.c.o	op.c	c.bo	*
	Birr Castle ...	1017.8	60	W	3	c	1020.6	*	56	-4	SW	1	-	o	*	1	66	49	cq.p.o	o.c	c.o	7.8
	Donaghadee ...	1012.6	60	W	5	bcqp	1016.8	+4	56	-1	WNW	4	W	bcq	3	TRACE	70	54	cmqp	bcqp	bcqp	*
	Liverpool (Bidston)	1014.4	65	WSW	3	bc	1018.4	+3	58	-1	W	4	W	bc	3	-	70	55	b.bc	obc	o.b.c	7.1
	Holyhead ...	1015.1	61	WSW	4	bc	1020.3	+1	57	-3	WNW	5	-	b	3	1	64	55	bf.c.om	p.o.c.bc	bc.b	6.0
	Pembroke (St. Ann's)	1018.1	61	WSW	4	c	1021.8	+3	56	-4	WNW	3	NW	b	2	TRACE	64	55	c.o	op.dtc.	c.b	7.7
	Scilly (St. Mary's)	1020.3	64	WNW	3	c	1022.9	+2	59	0	N	2	W	c	2	-	67	56	bc.c	c	b.bc.c	7.6
	Falmouth ...	1019.4	63	NW	3	cw	1022.7	+2	58	-2	NW	1	NW	cw	*	-	70	55	bz.bc	bcw.cp	b.bwbc	9.2
	Jersey (St. Aubin)	1019.5	69	WNW	2	b	1020.8	*	62	-1	NW	2	NW	c	2	-	74	59	b	b	bc	12.6
	Portland Bill ...	1017.7	62	WSW	4	bc	1019.0	+3	62	0	NW	2	-	b	2	-	66	58	b	b.bc	b.bc	*
	Dungeness ...	1018.1	66	SW	2	b	1018.4	+2	58	-3	WNW	3	W	c	2	-	69	56	b	b	b.bc	*
	Wick	999.7	59	W	4	opq	1004.9	+3	52	-7	WNW	5	W	cpq	3	1	64	52	comq	omp.q	om.cpq	*
	Nairn	1000.5	59	WSW	5	cqu	1008.3	*	54	-8	W	3	-	cq	2	0.1	68	52	bcq	p.bc.cq	cq	5.7
	Aberdeen ...	1004.2	66	SW	2	bc	1009.0	+3	62	+4	SW	1	-	bc	2	-	68	55	c.bcq	bcq	bc.c	7.5
	Leith	1007.8	62	W	5	bc	1012.7	+2	57	-2	WSW	3	W	c	3	1	68	54	c.bcpc	cq.c.bc	bcq.bc	*
	Tynemouth ...	1010.6	61	WSW	4	cmq	1014.7	+2	58	-2	WNW	4	-	bcmq	3	-	73	55	bcmq	bcmq	bmq	*
	Spurn Head ...	1013.5	73	WSW	4	bcq	1017.6	+1	57	-2	WNW	4	-	bq	4	-	76	55	bcq	bcq	b	11.5
	Yarmouth (Gorleston)	1014.5	69	SSW	5	bc	1017.1	+3	57	-4	NW	3	-	bm	2	-	75	55	bm.b	b.bc	bc.b	12.7
	Clacton-on-Sea	1016.8	68	SSW	4	bcz	1018.9	+3	58	-6	NW	3	-	bcz	2	-	70	57	bz	b.bcz	c.bcz	12.5
	Nottingham ...	1014.5	71	W	4	b	1019.1	*	55	-4	WSW	1	W	bmw	*	-	79	50	b	b	bc.b	11.7
	Benson (Oxon.) ...	1016.2	70	SW	3	c	1019.9	+2	54	-8	-	0	-	m	*	-	76	47	b	bc	bm	*
	Sth Farnborough	1016.9	70	SSW	4	o	1019.9	+3	56	-2	NW	2	-	cfe	*	TRACE	77	52	bmw	bz.o	o.bofe	12.0
	Salisbury Plain	1017.2	67	SW	4	cq	1020.5	+2	57	0	-	0	N	bce	*	-	75	48	pc	cq	bcmfe	11.4
	London (Kew Obsy.)	1016.5	73	SW	3	bc	1019.8	+3	59	0	NNW	1	-	b	*	-	76	55	bmw.b	b.bz.bc	bc.bmw	12.0
NORTHERN EUROPE.	Spitsbergen ...	1015.5	41	NW	6	b	1016.7	-1	39	-4	NW	2	*	c	*	*	45	37				
	Vardö	1009.4	43	N	5	o	1006.8	-2	45	+2	NW	4	-	o	4	*	45	39				
	Bodö	1009.0	55	-	0	b	999.4	-4	55	+1	E	2	-	b	2	-	55	50				
	Christiansund ...	1005.6	61	SW	1	o	995.1	0	59	+2	-	0	-	c	2	3	64	57				
	Skudesnaes ...	1007.0	61	SSE	5	c	1002.0	0	55	-4	WNW	5	-	r	3	2	63	55				
	Færder (X'iania Fjord)	1009.8	64	SW	6	o	1001.6	-2	63	0	SW	6	-	c	3	-	66	59				
	The Scaw (Skagen)	1013.4	63	W	3	c	1005.5	-3	63	-1	SW	4	W	c	4	-	66	59				
	Blaavands Huk	1018.3	63	SW	3	c	1012.2	0	63	+2	WNW	4	-	c	*	-	68	59				
	Copenhagen ...	1017.1	64	WNW	2	o	1011.0	-2	64	+3	WSW	4	-	c	*	-	68	61				
	Bornholm ...	1016.7	64	W	4	c	1012.6	-3	64	+1	SW	5	-	c	1	-	64	59				
FRANCE, &c.	The Helder ...	1017.8	68	SSW	3	b	1015.5	+2	63	+2	NW	3	-	c	2	-	68	59				
	C. Gris Nez ...	1017.9	70	SW	2	b	1018.6	+2	61	+2	W	2	*	o	1	-	73	55				
	La Heve	1019.4	73	NNE	1	b	? 1021.0	+1	61	+2	-	0	*	bc	1	-	81	59				
	Brest (St. Mathieu)	1021.2	63	NNW	3	b	1021.2	+1	61	-5	NNE	2	*	o	2	-	73	57				
	Rochefort (Ile d'Aix)	1017.5	75	NNW	3	b	1018.0	+1	64	0	NE	2	*	b	*	-	86	63				
	Biarritz	1015.6	73	NNE	3	b	1018.0	+1	68	+2	WSW	3	*	b	2	-	86	66				
	Paris	1019.4	73	SE	1	b	1019.4	+2	61	+2	-	0	*	b	*	-	79	54				
	Belfort	1018.7	68	E	1	b	1021.5	*	59	+4	-	0	*	m	*	-	75	52				
	Lyons	1017.2	77	NE	2	b	1020.3	*	61	-2	-	0	*	b	*	-	84	54				
	Nice	1018.2	70	-	0	o	1020.4	+2	72	-3	-	0	*	b		-	84	64				
	Perpignan ...	1016.2	77	-	0	b	1019.9	+3	64	-8	-	0	*	o	*	-	88	57				
	Sanguinaire ...	1013.8	76	S	3	m	1018.0	*	73	+1	SE	2	*	b		-	86	66				
IBERIA, &c.	Corunna	1019.4	66	N	2	c	1017.9	0	70	0	NNE	4	*	b	2	-	70	66				
	Madrid														*							
	Lisbon	1013.5	84	NNW	4	b	1014.0	-1	68	-7	ESE	1	*	b	5	-	91	68				
	Azores (Horta) ...	1025.4	*	-	0	o	1023.5	+1	70	+4	SSW	4	*	o	2	26	77	66				
	" (P. Delgada)	1025.4	*	S	1	o	1023.9	+1	72	+2	-	0	*	bc	1	-	79	70				
	Madeira	1019.1	70	N	2	o	1017.6	-1	68	+2	N	2	*	bc	2	-	72	68				
	Gibraltar	1015.2	75	E	4	c	1016.2	*	75	+3	E	5	*	bc	2	-	83	72				
	Palma																					
MEDITERRANEAN.	Algiers	1015.4	75	NE	3	b	1016.8	+2	73	0	-	0	-	o	1	-	81	68				
	Malta	*	*	*	*	*	1015.2	+3	73	0	N	1	-	bc	*	-	79	70				
	Salonica	1015.8	72	SE	1	r	1019.5	+5	70	+3	SE	1	NE	c	*	TRACE	83	65				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1011.4	+3	79	-2	-	0	-	b	0	-	88	63				
	Alexandria ...	1013.1	77	-	0	b	1015.1	+3	77	-2	-	0	-	b	1	-	88	72				
	Cairo (Heiwan) ...	1011.5	84	N	1	b	1013.9	+1	82	+5	NE	2	-	b	*	-	93	72				
	Jerusalem ...	?	70	WNW	3	b	?	?	68	-2	NW	2	-	b	*	-	82	59				
	Ramleh	1011.6	79	NW	1	b	1014.2	+3	81	-1	-	0	-	b	*	-	91	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

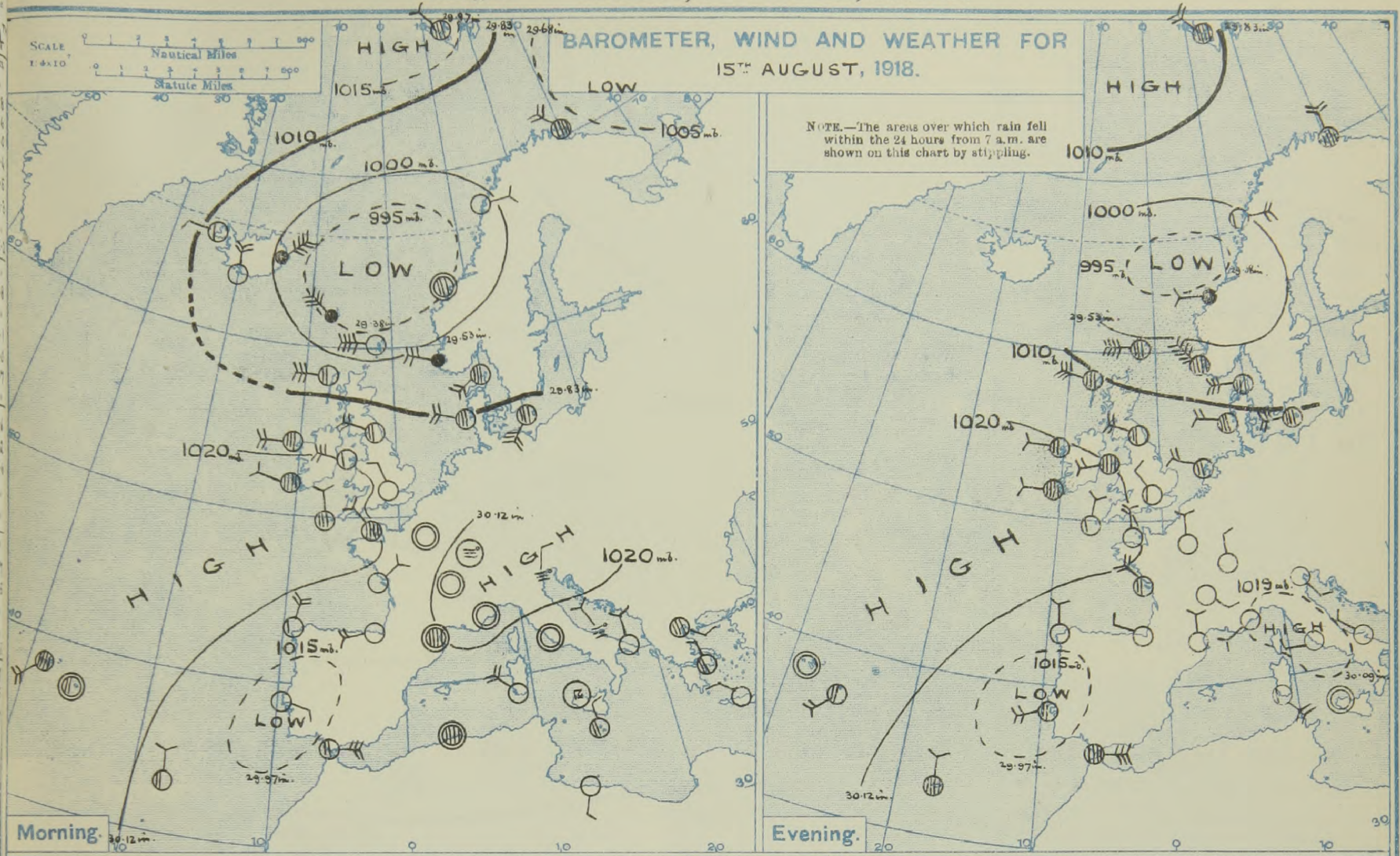
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. * Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,721 FRIDAY, 16TH AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 15TH AUGUST

	STATIONS.	Evening of 14th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 15th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														×	
	Petrograd ...															
	Moscow														×	
SWEDEN.	Hernösand ...							×						×	×	×
	Stockholm ...							×						×	×	×
	Wisby							×						×	×	×
ITALY.	Venice	1019·5	73	?	2	b	1020·3	×	68	0	NNE	1	m	–	79	64
	Turin	1019·3	73	–	0	b	1021·7	×	66	–2	–	0	b	–	79	64
	Pesaro	1019·1	68	–	0	b	1020·5	×	75	+3	SW	1	b	–	77	59
	Leghorn ...						1018·9	×	73	0	NE	1	b	–	81	66
	Rome	1016·3	70	E	1	b	1018·6	×	68	–4	?	?	b	10	84	63
	Viesti	1016·0	71	?	1	b	1017·7	×	?		NNW	2	m	–	81	72
	Brindisi	1016·6	72	NW	2	b	1018·9	×	72	?	N	2	b	10	75	72
	Cagliari	1013·1	82	SE	3	c	1016·3	×	64	–2	NW	4	b	–	86	63
	Palermo						1015·9	×	66	–7	–	0	tlr	1	84	64
	Tripoli						1016·3	×	76	+1	SSW	1	b	–	81	66

Morning of 15th

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	10088	37	–11	W	1	b
Reykjavik	10068	45	–5	–	0	b
Vestmanna	10058	43	–2	N	4	b
Seydisfjord	999·0	41	0	NE	8	r
Thorshavn	993·1	46	–11	NW	6	r

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

16th & 17th August 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·38	11·57	7·16
	4·40	11·57	7·14
Greenwich	4·48	12·4	7·20
	4·50	12·4	7·18
Wick	4·38	12·16	7·55
	4·40	12·16	7·52
Valencia	5·37	12·45	8·4
	5·29	12·45	8·2

LONDON

16th August 9h. G.M.T.

	Humidity 15 h. 15th %	Humidity 9 h. 16th %	Sunshine for 15th Hours.	24 Hours ended 9 h. 16th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	48	63	12·0	74	48	35	–	b	b	b
CITY (Bunhill Row)	×	×	12·2	×	×	×	×	×	×	×
WESTMINSTER (St. James's Park)	56	69	12·4	73	55	50	–	×	×	×
" (Roof near Charing Cross)	50	61	12·2	77	57	×	–	b	b.bc	×
CAMDEN SQ. (British Rainfall)	54	65	10·0	72	50	49	–	b	b	×
KENSINGTON PALACE	52	62	12·3	73	50	41	–	b	b	×

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 15th.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1780	33·8	80

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‡ The barometric change is expressed in half-millibars.

Printed at the Meteorological Office, South Kensington, London, S.W.7.
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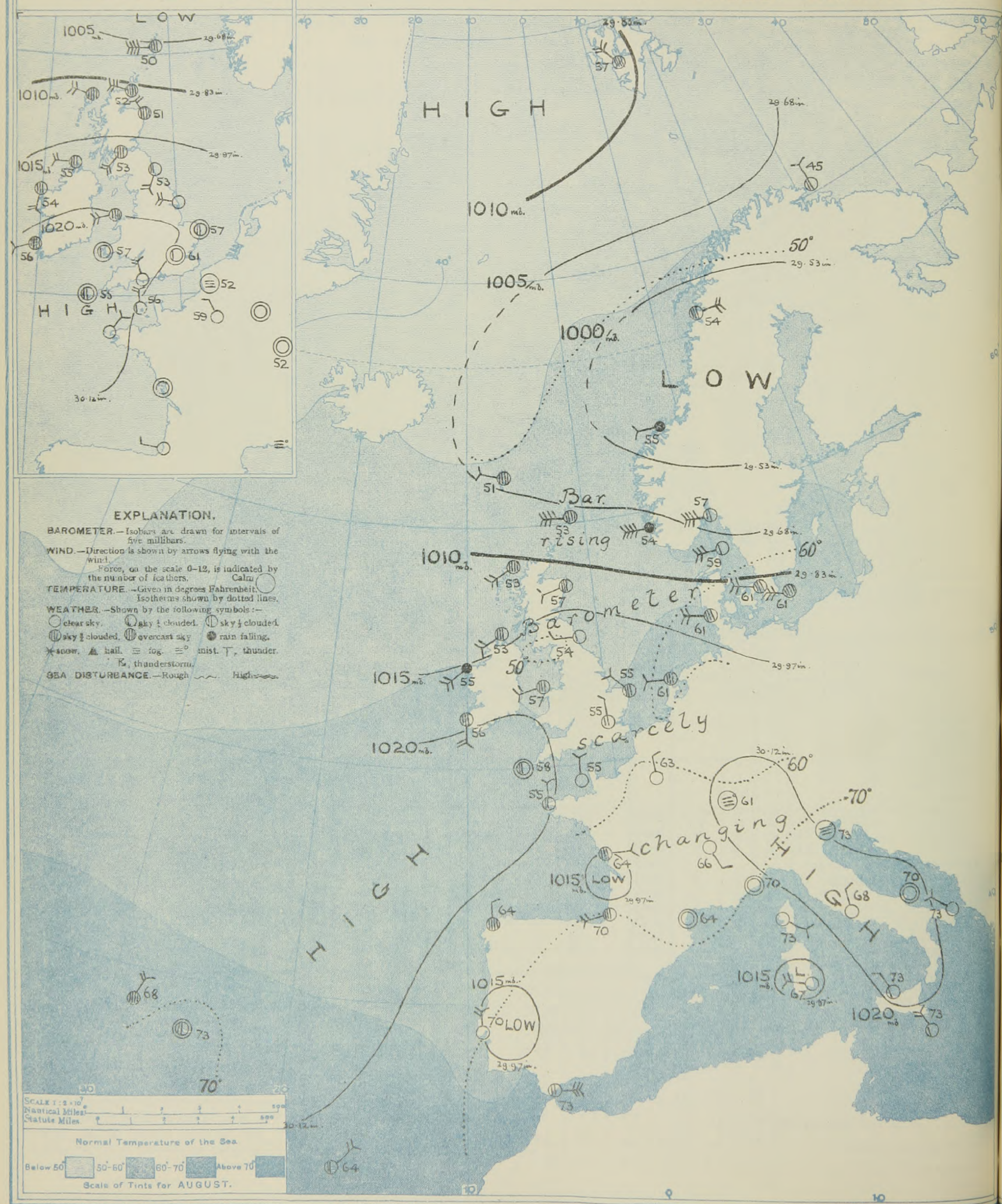
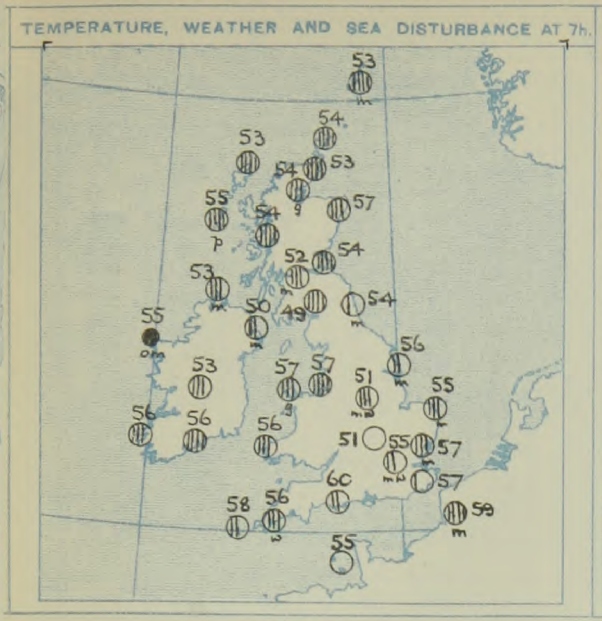
16TH AUGUST at 1h. G.M.T.

THE MORNING OF FRIDAY, 16TH AUGUST 1918, at 7h. G.M.T.





GALES.

LERWICK.
Gale 15th. 7h. to 16th. 5h.
Extreme, W. 10 15th. 13h.

Notes on the Weather of the 24 hours ended 7h. Today

Temperature rose to 76° at Benson, and to 70° or a little above over the southern half of England generally. In the northern and western parts of the Kingdom the maxima were mostly below 65°. The minimum readings of the night were lower than of late, especially in Southern England. Bright sunshine records were again high in England and also in the east of Scotland, but moderate or low elsewhere. Rain fell at some Irish and Scottish stations - generally in very slight quantity. A gale from the westward was experienced throughout the day at Lerwick.

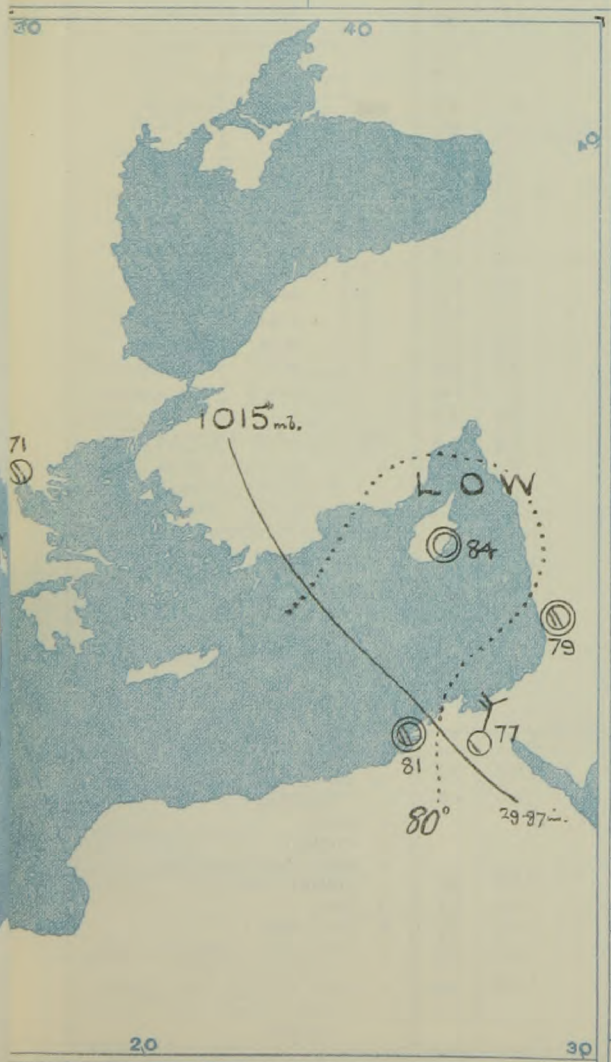
The Conditions at 7h. Today

An anticyclone still extends from the Azores region to the south-west of the British Isles, and the distribution is anticyclonic over the whole of England and the nearer parts of the Continent. The depression of yesterday is centred over the north of Scandinavia, and a very feeble depression is indicated over the south-west of France. The barometer is almost stationary. The wind is still high from W. at Lerwick, and blows a gale at Skudesnaes, but over the United Kingdom generally the force is light, and the direction SW. in the north, and between W. and N. in the more southern districts. Rain is falling at Blacksod Point, and a good deal of cloud prevails in the west and north of these Islands generally. At many stations elsewhere the weather is fair.

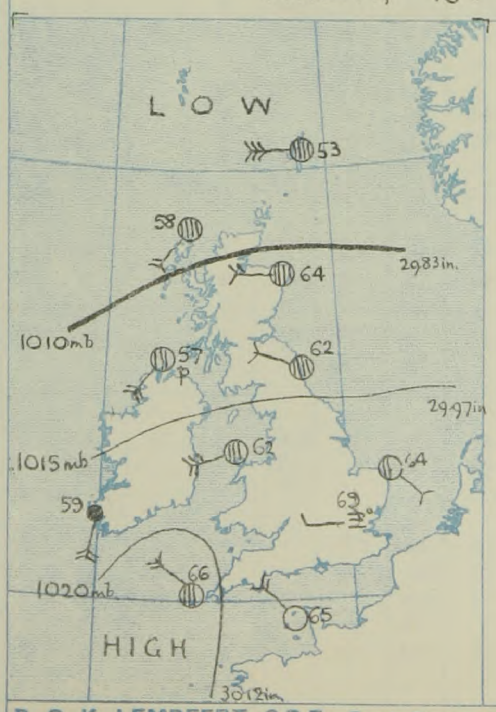
The Outlook

It appears probable that fair, quiet anticyclonic conditions will continue in the south, while depressions in the Atlantic begin to affect our western and north-western districts.

H.H.



FRIDAY, 16TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



A depression appears to be extending over our western and north-western districts, while the anticyclone is receding southward and perhaps decreasing in intensity. Rain is falling in the south-west of Ireland and at Castlebay.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 228

FRIDAY. 16TH AUGUST

	STATIONS.	Evening of 15th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 16th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h 16th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning	Weather. Afternoon.	Weather. Night.	Sunshine for 15th. Hours.
BRITISH ISLANDS.	Lerwick ...	1011·1	52	W	8	cqp	1006·3	+3	53	+3	W	7	-	om	4	0·2	54	47	omq	oqp.	omq	
	Deerness (Orkney)	1007·1	54	W	6	oq	1009·8	*	54	0	W	4	-	o	4	4	57	?49	opq	c.opq	o	3·9
	Stornoway ...	1012·1	55	WNW	6	cpq	1010·7	-1	53	-2	SW	4	-	o	3	4	58	52	cpq	cpq	c.opq	6·8
	Castlebay (Barra Isd.)	1015·8	56	WNW	5	o	1012·6	-1	55	0	SW	4	-	op	4	2	58	53	o.c.o.cp	c.o. pc.o	op	4·7
	Glasgow ...	1017·0	55	W	3	op	1015·5	-1	52	-2	WSW	2	W	cm	*	0·4	60	51	c.op.bc	c.o	op.cbd	5·8
	Eskdalemuir ...	1017·5	54	WNW	4	ov	1016·4	-1	49	-4	SSE	2	W	o	*	0·2	61	45	o.oyc	bw.yc	ov.opm	5·0
	Malin Head ...	1018·1	56	W	6	cq	1014·2	-3	53	-4	SW	3	SW	cm	3	-	60	52	bcq	cq	cm	4·3
	Blacksod Point	1020·3	50	W	2	bcm	1015·0	-2	55	-1	SW	4	-	omr	4	1	61	53	bcm	bc	bcm.cq	*
	Valencia (Cahirciveen)	1022·5	54	W	2	o	1018·9	-1	56	-2	S	3	W	c	3	0·1	63	54	o.c.o	o.c.c.o	o.c	1·4
	Roche's Point	1022·1	60	W	2	o	1020·9	*	56	+2	W	1	-	o	2	0·1	64	54	o.c.o	o	o.b.o	*
	Birr Castle ...	1021·2	61	W	1	c	1018·3	*	53	-3	SSW	1	-	c	*	-	65	48	c	c	c	4·0
	Donaghadee ...	1018·9	57	E	2	cqm	1016·6	-2	50	-6	SW	2	SW	bcm	1	-	65	48	bcq.cq	cqg	cg.bcm	*
	Liverpool (Bidston)	1019·5	62	W	4	b	1017·7	-1	57	-1	WSW	1	-	o	1	-	65	55	bc.c	b	c.o	10·0
	Holyhead ...	1020·3	60	WSW	3	ov	1018·1	-1	57	0	WSW	3	-	cg	1	-	66	56	b	b.bc.co	og	9·9
	Pembroke (St. Ann's)	1022·3	61	W	2	bc	1019·9	0	56	0	E	1	-	cv	1	-	63	54	b	bc	c.b.bc	12·2
	Hartland Quay																					*
	Scilly (St. Mary's)	1022·6	61	NNE	2	b	1021·1	0	58	-1	-	0	W	bc	3	-	65	54	b	b	bc	8·0
	Falmouth ...	1021·7	64	NW	3	bc	1020·1	0	56	-2	NNW	1	SW	cw	*	-	68	51	bcy	bcy	b.bw.bc	10·4
	Jersey (St. Aubin)	1020·5	66	N	3	b	1019·0	*	55	-7	N	2	-	b	2	-	69	52	c.b	b	b	11·0
	Portland Bill ...	1019·7	64	W	2	bc	1018·8	0	60	-2	NE	3	-	bc	3	-	68	56	b	b.bc	b.bc	*
	Dungeness ...	1018·8	65	SW	3	b	1017·8	+1	57	-1	N	2	-	b	1	-	70	56	c.bc	bc	bc.gc	*
	Wick	1009·9	54	WNW	5	ompq	1010·9	0	53	+1	W	2	-	o	2	1	58	49	cp.g	c.ompg.	bcm.po	*
	Nairn	1011·8	59	W	4	cq	1012·2	*	54	0	-	0	-	c	1	-	61	52	bcq	bc.cq	cw	5·9
	Aberdeen ...	1011·8	61	W	4	b	1013·1	-1	57	-5	WSW	2	-	c	2	0·4	65	53	bcqy	bqyw	bc.ob	11·4
	Leith	1014·5	59	W	4	c	1014·7	0	54	-3	SW	2	-	o	2	-	64	52	cu.qbc	bcq.c	c.bc.go	*
	Tynemouth ...	1015·8	62	WNW	4	bcq	1016·8	0	54	-4	W	1	-	bm	2	-	68	50	bcmq	cq	bcm	*
	Spurn Head ...	1018·5	64	WNW	4	cq	1018·9	0	56	-1	WNW	3	-	bcm	3	-	65	54	bcq	bcq	bc	5·5
	Yarmouth (Gorleston)	1018·3	63	S	3	bc	1018·4	0	55	-2	NW	2	-	cm	2	-	70	53	bm.bc	bc	b.bc	11·6
	Clacton-on-Sea	1018·8	68	SSW	3	bc	1019·1	0	57	-1	NW	2	NW	cm	2	-	73	53	bcgy	bcy	bc.cm	10·9
	Nottingham ...	1018·9	64	NW	2	b	1019·1	*	51	-4	W	1	W	cmw	*	-	70	46	bc.c	c.b	bm	10·3
	Benson (Oxon.) ...	1018·7	69	NW	2	b	1019·4	0	51	-3	NW	1	-	b	*	-	76	43	b	bv	b	*
	Sth Farnborough	1019·2	70	NW	2	b	1019·3	0	50	-6	NE	1	W	bc	*	-	74	43	bc.bcy	bc.by	bcbw	11·1
	Salisbury Plain						1019·2	0	55	-2	-	0	-	bc	*	-	69	49			b.bc	11·4
	London (Kew Obsy.)	1018·9	72	NW	1	b	1019·1	0	55	-4	N	1	W	bcmw	*	-	72	49	bmw.b	bv.b	b.cm	12·0
NORTHERN EUROPE.	Spitsbergen ...	1012·8	41	NW	4	o	1011·0	-1	37	-2	SW	4	*	o	*	*	41	36				
	Vardö	1005·4	43	N	4	o	1004·2	0	45	0	N	2	-	bc	2	*	46	41				
	Bodö	997·5	54	E	4	b	998·3	0	54	-1	E	4	-	c	2	-	59	48				
	Christiansund ...	996·3	55	W	2	r	997·6	0	55	-4	W	2	-	r	2	1	66	52				
	Skudesnaes ...	1005·2	61	NW	9	o	1006·4	+1	54	-1	W	8	-	r	5	6	61	52				
	Færder (X'iania Fjord)	1000·2	61	W	7	bc	1002·7	+1	57	-6	W	7	NW	bc	4	-	64	57				
	The Scaw (Skagen)	1006·6	61	W	6	c	1005·8	0	59	-4	W	5	W	b	6	-	66	57				
	Blaavands Huk	1013·6	61	WNW	3	c	1013·1	+1	61	-2	WNW	4	W	c	*	TRACE	64	57				
	Copenhagen ...	1010·8	64	WNW	4	c	1011·9	+1	61	-3	WNW	4	-	c	*	-	70	55				
	Bornholm ...	1011·8	61	WNW	5	o	1011·8	+1	61	-3	WNW	5	W	o	2	-	68	57				
FRANCE, &c.	The Helder ...	1018·4	63	WNW	3	bc	1017·9	+1	61	-2	W	2	-	c	1	-	64	59				
	C. Gris Nez ...	1019·1	66	NE	1	b	1019·5	+1	61	0	SSW	1	*	c	0	-	72	57				
	La Hève	1020·7	66	NNW	1	b	1019·0	*	57	-4	-	0	*	f	0	-	73	55				
	Brest (St. Mathieu)	1020·3	64	NNE	4	bc	1020·2	0	56	-6	N	2	*	bc	*	-	70	54				
	Rochefort (Ile d'Aix)	1016·8	84	W	4	bc	1015·0	-1	64	0	E	2	*	c	*	-	91	63				
	Biarritz	?	75	WNW	1	b	1015·4	+1	70	+2	WSW	3	*	c		-	82	68				
	Paris	1018·0	75	N	2	b	1018·2	0	63	-2	NNE	1	-	b	*	-	81	55				
	Belfort	1017·0	75	-	0	b	1020·6	*	61	-2	-	0	*	m	*	-	81	54				
	Lyons	1016·8	81	-	0	b	1019·4	*	66	+5	-	0	*	b	*	-	90	59				
	Nice	1019·0	72	SW	2	b	1019·4	+1	70	-2	-	0	*	b		-	82	61				
	Perpignan ...	1017·5	75	N	2	b	1018·4	+1	64	0	-	0		b	*	-	82	59				
	Sanguinaire ...	1018·3	77	NW	1	b	1019·8	*	73	0	SE	2	*	b		-	86	61				
IBERIA, &c.	Corunna	1015·9	73	N	2	b	1018·3	+3	64	-6	N	1	-	o	2	-	75	63				
	Madrid														*							
	Lisbon	1013·8	75	WSW	4	bc	1015·0	+1	70	+2	-	3	-	b	6	-	79	68				
	Azores (Horta) ...	1023·5	*	SW	4	c	1024·3	+1	68	-2	NNE	3	*	o	2	1	77	68				
	,, (P. Delgada)	1023·6	*	SW	3	bc	1023·5	0	73	+1	N	0	*	bc	1	-	77	70				
	Madeira	1017·0	72	N	2	o	1018·2	0	64	-4	NE	3	-	bc	3	-	73	64				
	Gibraltar	1016·2	74	E	6	o	1016·6	*	73	-2	E	6	*	bc	3	-	77	72				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1019·8	+3	73	0	NNW	3	-	b	1	-	77	72				
	Salonica	1018·3	71	SE	1	b	1019·5	+2	71	+1	NW	1	-	bc	*	-	81	63				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1012·3	-2	84	+5	-	0	-	b	0	-	88	63				
	Alexandria ...	1016·6	77	NW	2	b	1015·4	+1	81	+4	-	0	N	bc	1	-	90	72				
	Cairo (Helwan) ...	1012·8	86	N	1	b	1014·2	+1	77	-7	NE	3	N	b	*	-	93	72				
	Jerusalem ...	?	70	NW	4	b	?	?	68	0	NNW	2	-	b	*	-	81	59				
	Ramleh	1013·6	79	NNW	2	b	1013·6	0	79	-2	-	0	-	bc	*	-	88	66				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

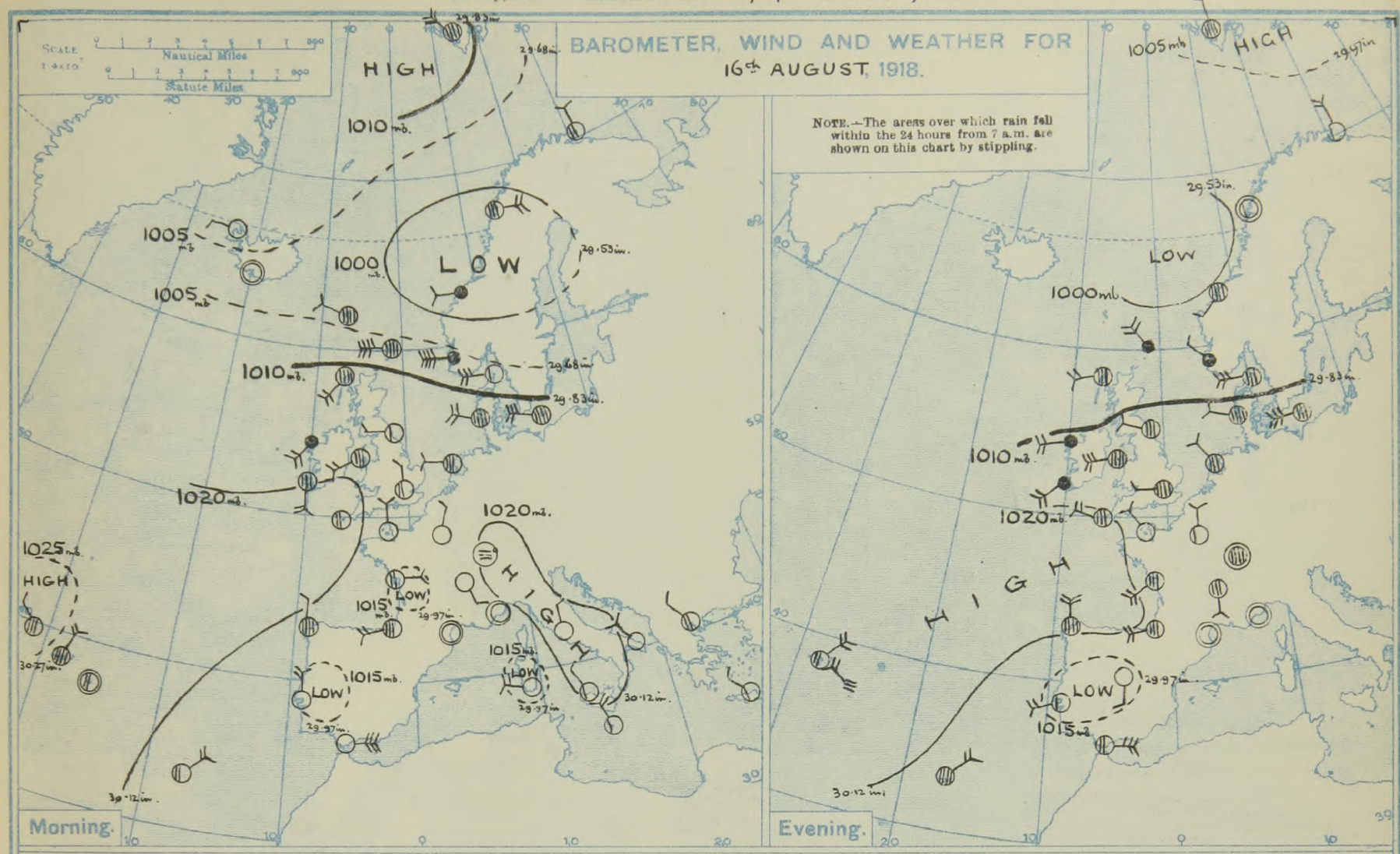
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squall.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,722 SATURDAY, 17th AUGUST, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 16TH AUGUST.

STATIONS.	Evening of 15th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 16th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ±	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min °F.
RUSSIA.															
Archangel ...														*	
Petrograd ...															
Moscow														*	
SWEDEN.															
Hernösand ...							*						*	*	*
Stockholm ...							*						*	*	*
Wisby							*						*	*	*
ITALY.															
Venice	1017.3	73	SSE	1	b	1019.8	*	73	+5	-	0	m.	-	79	68
Turin	1018.6	73	-	0	b	1020.1	*	72	+6	-	0	b	?	82	66
Pesaro	1019.0	70	-	0	b	1019.9	*	70	-5	-	0	b	-	77	61
Leghorn ...	1019.1	75	-	0	b	1020.3	*	75	+2	-	0	b	-	82	68
Rome	1019.1	75	W	1	b	1021.0	*	68	0	M	1	b	-	84	61
Viesti	1009.8	73	MW	1	b.	1021.2	*	73	?	?	1	b	-	81	64
Brindisi	1018.7	73	M	2	b	1019.1	*	73	+1	MW	2	b	-	75	?
Cagliari	1017.1	82	SE	4	b	1014.7	*	67	+3	WMW	3	b	-	86	61
Palermo	1017.0	75	-	0	b	1020.2	*	73	-3	MMW	1	b	-	86	64
Tripoli							*								

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.
Isafjord ...	1009.2	37	0	W	1	b
Reykjavik	1004.7	41	-4	-	0	b
Vestmanna	1003.6	45	+2	-	0	b
Seydisfjord						
Thorshavn	1004.0	51	+5	WNW	2	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

17th AND 18th AUG 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.40	11.57	7.14
	4.42	11.57	7.12
Greenwich	4.50	12.4	7.18
	4.52	12.4	7.16
Wick	4.40	12.16	7.52
	4.42	12.16	7.50
Valencia	5.29	12.45	8.2
	5.31	12.45	8.0

LONDON 17th August 9h. G.M.T.	Humidity. 15 h. 16th	Humidity. 9 h. 17th	Sunshine for 16th Hours.	24 Hours ended 9 h. 17th: Temperature. Max. °F.	Temp. Min. °F.	Temp. Min. on Grass. °F.	Rainfall. mm.	Weather. Morning.	Afternoon.	Night.
	%	%								
GREENWICH (Royal Observatory)	47	76	9.0	77	54	46	0.0	bc	bc	c.0
CITY (Bunhill Row)	*	*	7.6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	54	86	8.1	74	56	51	0.0	*	*	*
" (Kew) (near Charing Cross)	45	76	8.6	77	57	*	0.0	bcm	bc.c.0	*
CAMDEN SQ. (British Rainfall)	54	57	6.6	74	55	51	0.0	bc	bc	*
KENSINGTON PALACE	53	80	8.2	73	55	47	0.0	c	bc	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 16th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
134	25.5	58.

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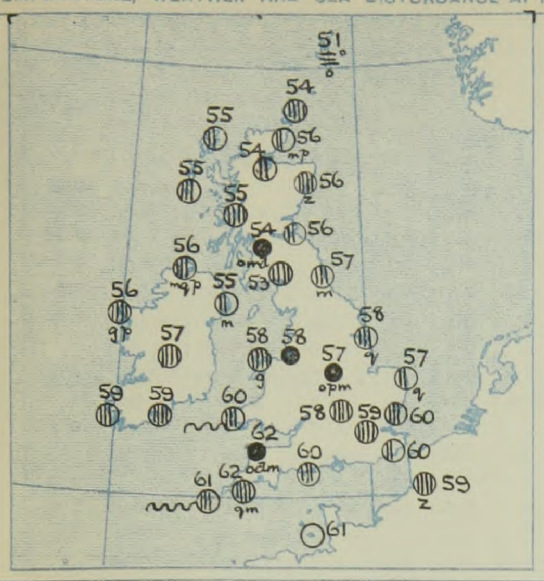
± The barometric change is expressed in half-millibars.

17th AUGUST at 1h. G.M.T.

THE MORNING OF SATURDAY, 17th AUGUST 1918, at 7h. G.M.T.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

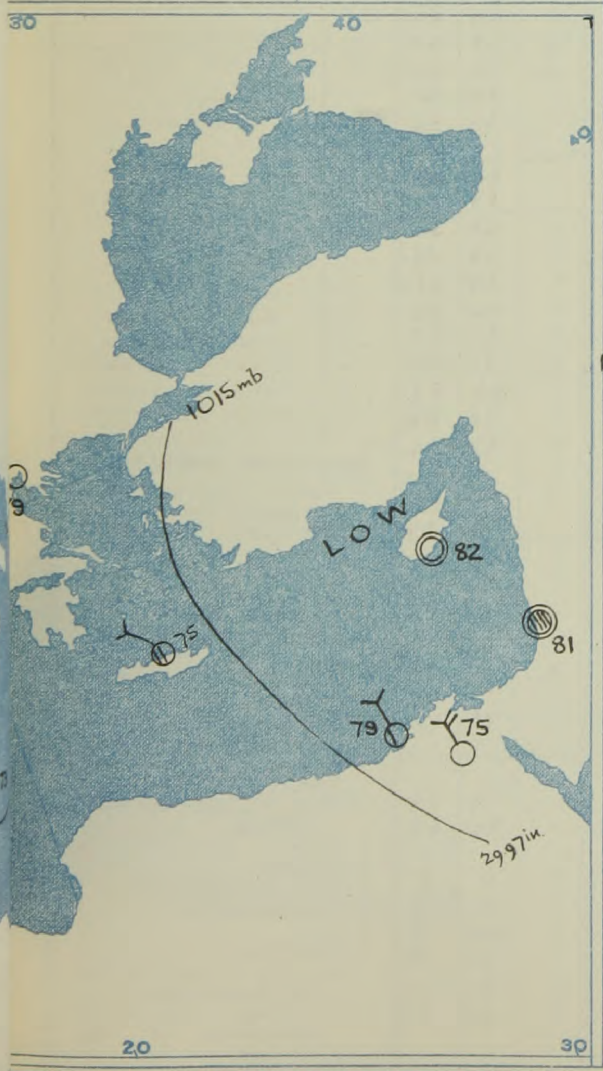
Temperature remained below 70° over the Kingdom generally, but rose a little above that value in the southern counties of England. At many stations in Ireland and Scotland the maximum was below 60°. Bright sunshine was less prevalent than of late. Over a large area in the west and north there was little or none; in the South of England, however, the records ranged from 10 to 11 hours, while at Jersey the value was 12.7 hours. Rain fell in Ireland, Scotland, and the North of England, the largest measurement being 10 mm. at Eskdalemuir.

The Conditions at 7h. Today

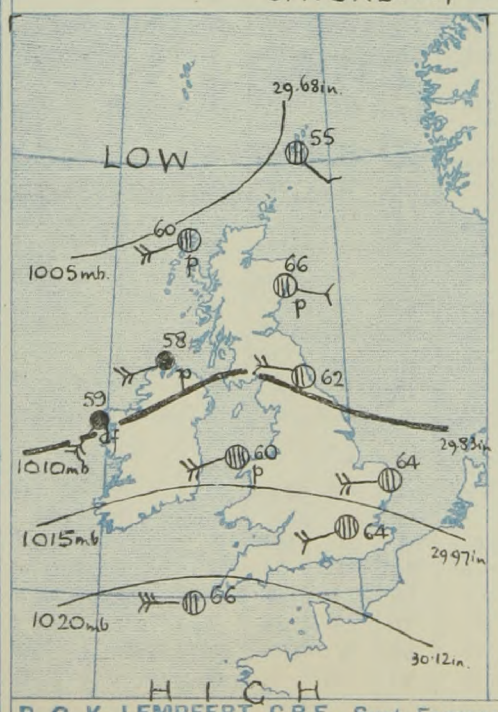
Pressure is highest over the Azores region and relatively high thence to the Bay of Biscay and France, while it is lowest over northern Europe and Iceland. Over the United Kingdom there are some slight irregularities in pressure sufficiently marked to affect the winds and weather in their vicinity. As a whole the sky is very cloudy or overcast, with rain or passing showers locally. The main wind direction is Westerly, and the force light or moderate. The sea is rough at the Mouth of the Channel.

The Outlook

The wind along the west coast of Ireland indicates another depression on the Atlantic, and as this is likely to move in some easterly direction unstable weather, with winds from between S. and W., is anticipated for a time.



SATURDAY, 17TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



A fall of the barometer which has commenced on the west coast of Ireland tends to show that the view taken at 7h. will be correct.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 229. SATURDAY 17TH AUGUST

	STATIONS	Evening of 16th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 17th: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h. 17th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning	Afternoon	Night	Sunshine for 16th Hours.
BRITISH ISLANDS.	Lerwick ...	1006.1	50	NW	4	omd.	1005.4	-1	51	-2	-	0	-	om	1	2	54	47	om.	om.	ogd	*
	Deerness (Orkney)	1007.1	55	W	3	o	1004.0	*	54	0	W	3	-	o	2	1	58	50	op.d.	o.	op.d.o	0.0
	Stornoway ...	1005.4	58	WSW	3	c	1005.4	+1	55	+2	SW	4	-	bc	3	7	58	51	op	o.cp.	c.bcp	0.4
	Castlebay (Barra Isd.)	1006.9	57	W	4	o	1007.2	0	55	0	WNW	4	-	c	4	4	57	54	opr.	r.o.	o.bcpc	0.5
	Glasgow ...	1011.4	55	SW	2	omd.	1009.2	+1	54	+2	WSW	2	-	omd.	*	7	58	51	c.o.	omp.	omr.op	0.1
	Eskdalemuir ..	1012.6	55	SW	4	o	1009.8	+2	53	+4	SW	3	-	o	*	10	59	48	o.c.o	o.vy.o.	o.r.o	1.4
	Malin Head ...	1009.2	56	S	4	omr.	1009.4	0	56	+3	WSW	4	W	cmq/p	4	8	58	52	cmp.	omp.	cmq/p	0.0
	Blacksod Point	1011.7	56	WSW	4	ogmp.	1011.2	0	56	+1	SW	4	-	ogp	4	3	59	54	ogmp	ogmp.	og.cp	*
	Valencia (Cahirciveen)	1015.9	59	SW	4	r.	1015.9	0	59	+3	SSW	3	-	c	4	3	62	56	c.o.or.	or.o.or.	r.d.o.c	0.0
	Roche's Point	1017.8	60	WSW	3	o	1016.3	*	59	+3	W	2	-	o	2	0.4	62	56	op.o	op.o	o.d.o	*
	Birr Castle ...	1016.6	57	WSW	1	r.	1013.9	*	57	+4	WSW	1	-	o	*	3	61	52	c.c.or.	or.op	or.	0.3
	Donaghadee ...	1012.1	61	WSW	5	ogmr.	1010.7	+2	55	+5	W	3	W	bcm	3	3	63	50	bcmcm	cgm	ompcg	*
	Liverpool (Bidston)	1014.7	60	W	3	o	1011.9	0	58	+1	W	4	W	r.	3	1	65	56	o.	bc.o.	or.	2.3
	Holyhead ...	1015.5	59	WSW	5	ovg.	1013.3	+1	58	+1	W	4	-	og	3	2	63	56	c.o.	c.ovg.	or.op.o	2.6
	Pembroke (St Ann's)	1018.1	59	WSW	4	ov.	1015.6	+2	60	+4	SW	4	SW	c	5	5	63	?	cv.o.c	cv.op.o	o.opr	0.5
	Hartland Quay	1018.7	61	W	4	o	1017.8	-1	62	?	WSW	5	-	odm	4	trace	62	60	c.o.bcq	opq/b.c	o.odm	*
	Scilly (St. Mary's)	1020.4	62	WNW	3	c	1020.8	+1	61	+3	W	5	W	c	6	-	66	53	bc.cv.	cv.	bcm	2.1
	Falmouth ...	1019.5	69	WNW	3	bc	1019.6	+1	62	+6	WSW	5	-	oqm	*	-	68	55	bcy	c.bc.cy	b.bc.om.	8.6
	Jersey (St. Aubin)	1018.2	65	NW	2	b	1020.6	*	61	+6	W	2	-	b	2	-	69	55	b	b.	b	12.7
	Portland Bill ...	1016.9	63	W	4	bc	1017.3	0	60	0	W	5	NW	c	3	-	67	58	bc.	bc.	bc.c	*
	Dungeness ...	1015.2	65	SW	2	b	1016.3	+2	60	+3	WSW	3	W	bc	3	-	68	55	c.bc	bc.	c.bc	*
	Wick	1007.4	56	-	0	omp	1005.1	0	56	+3	WSW	2	-	bcmp	2	1	59	50	og	omp.	o.cmp	*
	Nairn	1007.3	59	W	1	cg	1005.9	*	54	0	WSW	1	-	bc	1	3	61	48	cg.	cq.	rc.	0.4
	Aberdeen ...	1008.9	61	SW	3	c	1006.3	+1	56	-1	W	2	-	oz	2	0.2	65	49	c.bcyg	o.c	c.op	2.0
	Leith	1010.7	60	SW	2	r.	1008.0	+1	56	+2	SW	2	W	bc	2	2	63	54	o.cg.op	g.o.cg.op	pgo.bc	*
	Tynemouth ...	1013.0	61	WNW	2	bcm.	1008.6	?-1	57	+3	WNW	3	-	bcm	3	5	64	54	om	cm.	omr.	*
	Spurn Head .	1015.6	62	W	2	o	1011.0	-2	58	+2	W	5	-	cq	4	-	63	55	om	om.	c.o.cq	1.4
	Yarmouth (Gorleston)	1015.8	62	E	3	c	1012.7	-2	57	+2	W	4	-	bcq	2	0.3	67	54	cm.bc	bc.c.	bc.op	5.7
	Clacton-on-Sea	1015.1	65	SE	1	cz	1015.3	0	60	+3	WNW	3	NW	c	2	-	68	55	cm.bcz	c.bczz	czm	7.6
	Nottingham ...	1015.4	63	W	2	o	1012.8	*	57	+6	SW	2	W	opm	*	1	65	50	cm.o	o.c.	c.o	?
	Benson (Oxon.) ...	1015.2	65	NW	1	c	1015.3	0	58	+7	SW	3	-	o	*	-	72	50	bc.	b.	o	*
	Sth Farnborough	1015.5	68	WNW	3	oy	1016.3	0	59	+9	W	3	-	o	*	-	74	50	bczy	cz.yo.	c	10.5
	Salisbury Plain	1016.7	63	WNW	3	o	1016.6	0	58	+3	SW	3	-	o	*	-	70	54	bcy.	bc.c.o	o	10.8
	London (Kew Obsy.)	1014.9	69	W	1	c	1016.0	+1	59	+4	SW	2	-	o	*	-	72	54	bcmbcz	bcz.cy	c.o.c.o	7.0
NORTHERN EUROPE.	Spitsbergen ...	1006.4	39	N	1	o	1001.1	-2	37	0	NW	2	*	o	*	*	41	36				
	Vardö	1003.9	41	N	3	b	1004.2	0	45	0	N	5	-	bc	3	*	45	41				
	Bodö	1000.4	55	-	0	b	1001.5	0	55	+1	E	2	-	b	2	-	59	46				
	Christiansund ...	1001.6	55	NNW	1	o	1002.0	0	55	0	-	0	-	o	2	3	57	52				
	Skudesnaes ...	1008.4	55	NW	5	o	1003.9	-3	59	+5	?WNW	3	-	c	3	5	59	54				
	Færder (X'tania Fjord)	1004.0	61	W	6	c	1003.9	0	59	+2	W	2	-	b	3	-	64	57				
	The Scaw (Skagen)	1007.1	59	W	5	c	1005.4	-2	57	-2	SW	2	-	bc	2	-	63	55				
	Blaavands Huk	1006.2	59	WNW	2	o	1010.4	-1	59	-2	WNW	2	-	o	*	trace	64	55				
	Copenhagen ...	1011.8	63	W	3	c	1008.7	+2	59	-2	W	1	-	m	*	-	66	55				
	Bornholm ...	1011.5	63	W	6	c	1009.5	-1	59	-2	WNW	2	-	o	o	-	63	57				
FRANCE, &c.	The Helder ...	1016.0	63	NW	2	c	1012.3	-1	63	+2	SW	3	-	o	1	-	66	54				
	C. Gris Nez ...	1016.4	66	WSW	2	b	1016.7	+3	59	-2	W	4	*	c	3	-	73	57				
	La Hève	1019.2	61	NNW	4	b	1019.6	*	61	+4	NW	4	*	c		-	68	57				
	Brest (St. Mathieu)	1020.3	63	N	3	b	1023.0	+2	61	+6	WNW	4	*	c		-	64	55				
	Rochefort (Ile d'Aix)	1015.2	73	SW	4	c	1021.5	+3	61	-3	NE	5	*	o	*	-	91	61				
	Biarritz	1019.8	70	WSW	4	c	1022.4	+2	66	-4	W	2	*	m		-	77	66				
	Paris	1014.2	77	N	2	b	1019.9	+4	61	-2	WNW	2	-	b	*	-	86	57				
	Belfort	1015.0	75	-	0	o	1018.3	*	68	+7	W	5	*	c	*	-	86	64				
	Lyons	1016.0	86	S	2	c	1019.4	*	70	+4	S	1	*	b	*	-	88	64				
	Nice	1019.9	68	-	0	b							*									
	Perpignan ...	1016.6	79	-	0	b	1021.8	+2	70	+6	-	0	-	o	*	-	90	64				
	Sanguinaire ...						1022.6	*	73	0	E	2	*	b		-	90	66				
IBERIA, &c	Corunna	1020.2	64	N	4	o	1021.8	+2	68	+4	-	0	-	b	1	-	68	59				
	Madrid	1012.7	91	S	1	b	1021.4	+2	73	?	-	0	-	b	*	-	93	64				
	Lisbon	1013.8	86	WSW	3	b	1016.7	+2	72	+2	NNE	2	-	b	5	-	91	70				
	Azores (Horta) ...	1024.7	*	NNE	4	bc	1026.0	+1	66	-2	-	0	*	c	2	-	73	66				
	,, (P. Delgada)	1023.6	*	WNW	3	g.	1025.2	+2	72	-1	NE	1	*	c	1	2	77	70				
	Madeira	1017.6	72	NE	3	o	1020.7	0	68	+4	NE	1	-	r	2	-	73	64				
	Gibraltar	1017.3	74	E	5	bc	1018.9	*	73	0	E	5	*	c	3	-	76	72				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1022.4	+2	73	0	-	0	-	b	0	-	79	70				
	Salonica	1017.7	73	SE	2	b	1019.0	+2	79	+8	WNW	2	-	b	*	-	84	62				
	Athens																					
	Candia	1018.4	75	N	2	bc	1015.9	0	75	0	NW	2	-	bc	3	-	?	?				
	Limassol	*	*	*	*	*	1010.7	+2	82	-2	-	0	-	b	0	-	90	66				
	Alexandria ...	1015.8	77	N	3	b	1014.8	+1	79	-2	N	2	-	b	2	-	84	72				
	Cairo (Helwan) ...	1014.3	81	N	3	b	1014.4	+1	75	-2	N	3	-	b	*	-	91	68				
	Jerusalem ...	*	68	NW	3	b	*	*	68	0	WNW	2	NW	bc	*	-	81	61				
	Ramleh	1013.0	77	WNW	2	b	1012.7	0	81	+2	-	0	-	o	*	-	86	70				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

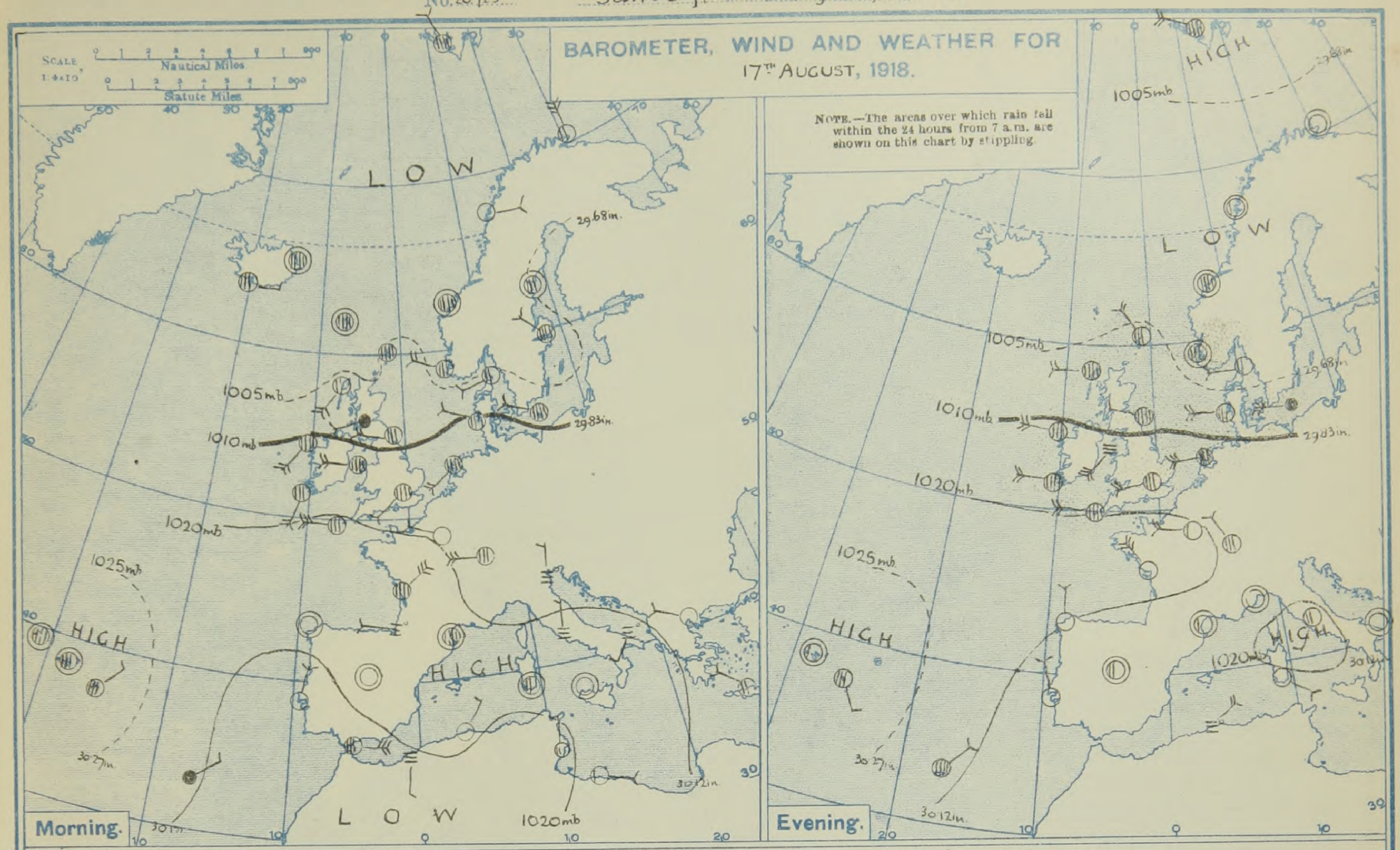
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20723 Sunday, 18th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 17TH AUGUST

	STATIONS.	Evening of 16th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 17th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min °F.
RUSSIA.	Archangel ...														×	
	Petrograd ...															
	Moscow														×	
SWEDEN.	Hernösand ...	1000·8	54	NE	4	c	1005·0	×	54	?	–	0	c	×	×	×
	Stockholm ...	1000·7	61	NE	4	0	1000·2	×	56	?	NW	2	0	×	×	×
	Wisby	1004·4	63	WSW	8	b	1000·8	×	59	?	WSW	6	b	×	×	×
ITALY.	Venice						1018·5	×	73	0	N	1	m	–	79	70
	Turin	1019·1	72	–	0	b	1019·8	×	70	–2	–	0	b	–	84	64
	Pesaro						1019·7	×	79	+9	SW	?	b	–	81	64
	Leghorn ...						1021·4	×	73	–2	–	0	bc	–	81	68
	Rome	1022·2	72	SW	1	b	1023·1	×	64	–4	N	1	f	–	84	59
	Viesti						1021·4	×	67	–6	–	0	b	–	79	64
	Brindisi	1019·8	73	NW	1	b	?	×	70	–3	SW	1	m	–	75	64
	Cagliari	1019·8	84	SE	3	b	1022·5	×	68	–5	SE	1	bc	–	86	64
	Palermo						1023·4	×	73	0	–	0	m	–	26	64
	Tripoli						1023·9	×	77	?	ESE	2	b	–	84	?

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1001·9	46	+9	–	0	c
Reykjavik	1003·2	45	+4	ESE	2	b
Vestmanna	1003·5	46	+1	E	1	c
Seydisfjord	1003·9	45	?	–	0	0
Thorshavn	1004·3	53	+2	–	0	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

August 18th & 19th, 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·44	11·57	7·12
	4·44	11·57	7·10
Greenwich	4·52	12·4	7·16
	4·54	12·4	7·14
Wick	4·42	12·16	7·50
	4·45	12·16	7·47
Valencia	5·31	12·45	8·0
	5·33	12·45	7·58

LONDON 18th Aug. 9h. G.M.T.	Humidity 15 h. 17th %	Humidity 9 h. 18th %	Sunshine for 17th Hours.	24 Hours ended 9 h. 18th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	70	66	0·5	70	59	53	1	ob	ob	c
CITY (Bunhill Row)	×	×	0·4	×	×	×	×	×	×	×
WESTMINSTER (St. James's Park)	81	73	0·6	72	56	55	1	×	×	×
" (Roof near Charing Cross)	71	63	0·4	63	60	×	0·8	odb	c.od	×
CAMDEN SQ. (British Rainfall)	93	65	0·3	69	58	52	1	o	c.o	×
KENSINGTON PALACE	80	67	0·6	69	59	52	1·4	r.o	bc.o	×

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 17th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
460	8·8	64·5

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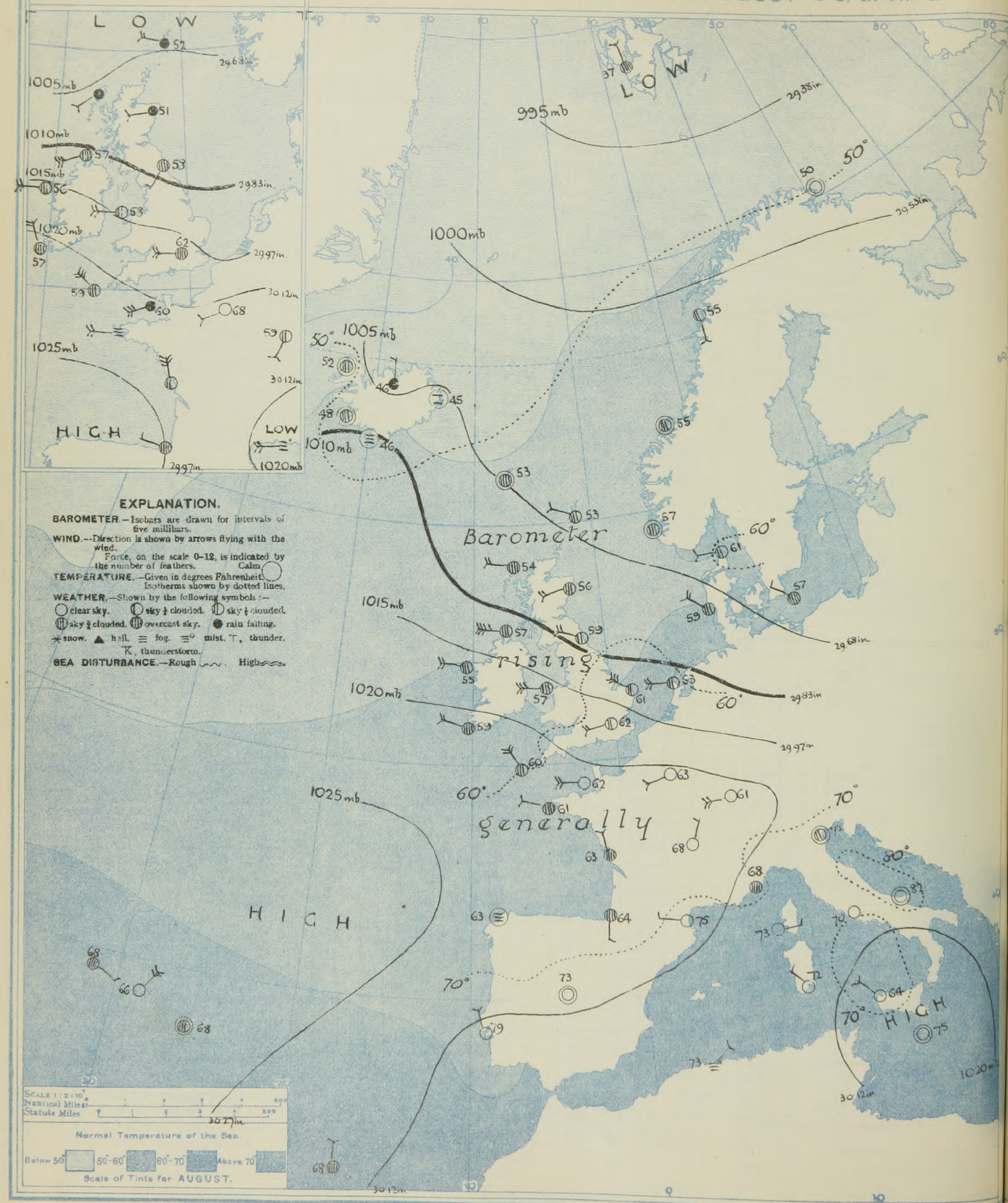
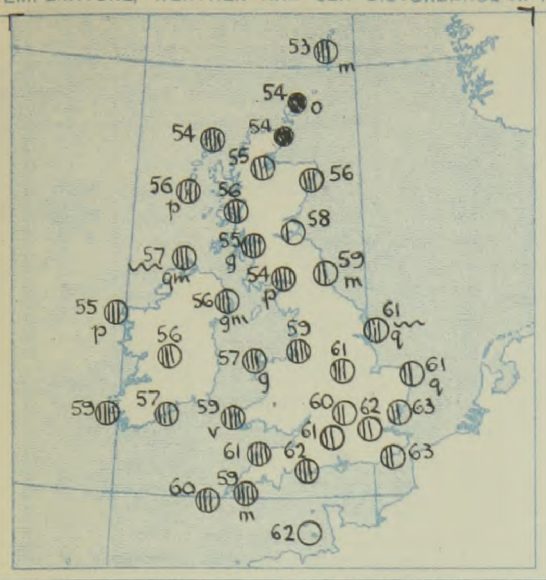
‡ The barometric change is expressed in half-millibars.

18TH AUGUST at 1h. G.M.T.

THE MORNING OF SUNDAY, 18TH AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

During yesterday the air was cool and fresh over the country generally, the afternoon temperature remaining below 70° at all stations, and locally in the north and west there were maxima under 60°. A mild night followed. minimum temperatures as high as 58° to 60° being registered in many localities. Rain fell nearly everywhere. but as a rule in very small amounts, only Glasgow, Aberdeen and Wick measuring about 10 mm. Falmouth recorded 9½ hours of bright sunshine, and Nairn 7½ hours, but most stations had less than an hour.

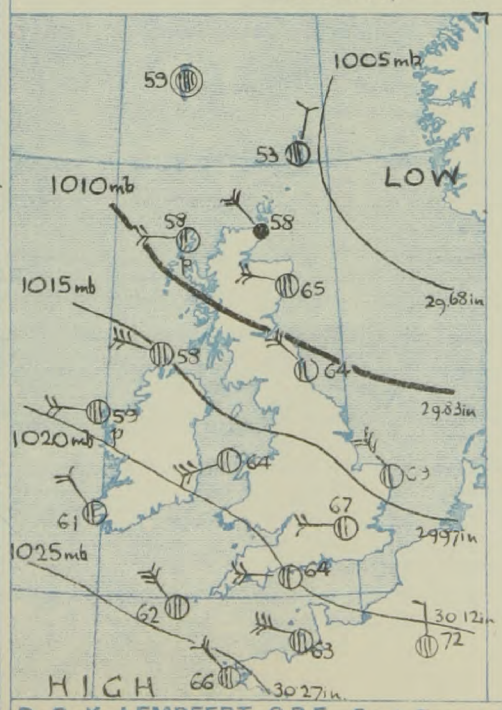
Conditions at 7h. Today

The extensive but shallow depression, which yesterday occupied the northern half of the region under observation, has made no further progress, but it has become somewhat deeper, the barometer being now below 995 mb. at Spitzbergen. The Atlantic anticyclone still holds over the southern regions, from the Mediterranean westward, pressure being above 1025 mb. beyond the Bay and the Peninsula. W. breezes prevail from the 49th parallel northward, but only in a few isolated localities is the force of a moderate breeze exceeded, Malin Head reporting a high wind. In the far south fine, bright weather prevails, but over the westwind region cloudy to overcast skies are in the ascendant. At a few of our own Mn. stations showers are falling, and off the north-west of Spain the atmosphere is foggy. On various parts of our coasts the sea is moderate, and off Donegal rough.

As will be seen from the map for 13h., which appears below, there was no material modification in the general distribution of pressure during the day, so that the wind and weather conditions were maintained without any important change.

H. H.

SUNDAY, 18th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 230

Sunday 18th August

	Stations	Evening of 17th: Barom. Millibars at M.S.L.	Evening: Temp.	Evening Wind: Direc.	Evening Wind: Force 0-12	Evening: Weather	Morning of 18th Barometer: Millibars at M.S.L.	Barometer: Change in 3 hours ‡	Temp.: Dry Bulb	Temp.: Change in 24 hours	Wind: Direc.	Wind: Force 0-12	Direc. of Upper Cloud	Weather	Sea 0-9	24 hours ended 7 h 18th: Rainfall Millimetres	Temp.: Max.	Temp.: Min.	Weather: Morning	Weather: Afternoon	Weather: Night	Sunshine for 17th
			°F.						°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS	Lerwick	1005·1	54	NW	3	c	1004·9	0	53	+2	NW	2	-	cm	1	1	57	49	c	c	om	*
	Deerness (Orkney)	1005·4	56	W	3	o	1005·4	*	54	0	W	3	-	or	2	3	61	52	o.c	c.o	or.	4·0
	Stornoway	1005·9	58	WSW	3	op	1007·1	+2	54	-1	W	3	-	o	2	4	62	53	bcp	bc.op	odp.	3·4
	Castlebay (Barra Isd.)	1006·8	56	SW	4	op	1009·5	+1	56	+1	WNW	5	-	op	4	4	58	55	c.op.c.o	op	op.	0·8
	Glasgow	1008·8	56	SW	3	omd	1010·3	+2	55	+1	WSW	3	W	og	*	9	61	53	omp.cp	omp	ompcp	1·0
	Eskdalemuir	1009·2	56	SW	4	omd	1011·6	+2	54	+1	SW	3	-	op	*	5	60	52	o.c.or	orm.od	odmog	0·8
	Malin Head	1007·6	58	W	4	omqp	1011·2	+2	57	+1	W	7	W	cmq	6	7	59	54	cmqp	omqp	cmqp	0·4
	Blacksod Point	1011·8	58	W	4	om	1017·3	+4	55	-1	W	4	-	bcp	4	2	59	53	ofp	ofd	om.bcp.	*
	Valencia (Cahirciveen)	1017·1	60	W	4	o	1021·7	+2	59	0	WNW	3	W	o	3	0·2	63	58	o.odp	od	o	0·4
	Roche's Point	1015·8	65	WNW	3	o	1020·7	*	57	-2	W	1	NW	c	2	0·2	67	56	o	opd.c.o	o.c.	*
	Birr Castle	1013·4	62	SW	2	c	1018·5	*	56	-1	W	2	-	c	*	1	64	54	op.	cp.	o.cp.	0·3
	Donaghadee	1009·4	58	SW	3	ogmpq	1013·5	+3	56	+1	WSW	3	W	cgm	2	2	62	54	cgw	ogm.or	cgqp	*
	Liverpool (Bidston)	1012·4	57	WSW	3	o	1014·7	+2	59	+1	W	6	W	o	4	2	62	58	op.c	po	oq	0·3
	Holyhead	1012·6	59	SW	5	ofg	1016·5	+2	57	-1	W	5	W	cg	4	1	61	56	op.cp.o	op.c.o	cp.c.bc	0·0
	Pembroke (St. Ann's)	1016·2	61	SW	4	cq	1019·4	+3	59	-1	W	3	-	ov.	4	0·4	61	59	c.op.o	opdm	cqbc.o	0·6
	Hartland Quay	1017·8	63	SW	6	o	1020·3	+2	61	-1	W	4	-	o	4	1	63	60	dm.dpm	odpfo.	dfomo	*
	Scilly (St. Mary's)	1020·0	62	W	4	o	1022·3	+1	60	-1	NW	4	NW	c	5	1	67	58	cp.c	c.om	omqcq	5·0
	Falmouth	1018·9	63	WSW	5	cqm	1021·9	+2	59	-3	WNW	2	W	om	*	Trace	69	58	odq.cd	ogq.cq	odm	2·7
	Jersey (St. Aubin)	1021·2	65	W	4	b	1021·7	*	62	+1	W	4	-	b	3	0·4	67	60	b	bc.b	op.b	9·5
	Portland Bill	1017·5	62	WSW	5	c	1018·8	+4	62	+2	W	4	-	c	4	-	63	59	c	c	c	*
	Dungeness	1016·2	63	WSW	5	cq	1016·4	+1	63	+3	WSW	3	W	bc	3	-	68	60	cq.c	cpq.c	cq.c	*
	Wick	1005·9	54	S	1	omp	1005·7	0	54	-2	W	1	-	omr	1	11	61	52	bcmp	bc.omp	ompr	*
	Nairn	1006·4	56	-	0	ou	1006·0	*	55	+1	W	1	-	c	1	2	66	53	bcq	p.ro	odg	7·4
	Aberdeen	1006·8	57	-	0	c	1006·7	0	56	0	WSW	3	-	c	2	10	67	52	c.bcqp	cp	cp.o.c.	3·7
	Leith	1007·3	59	SW	1	r	1008·9	+1	58	+2	SW	2	-	b	2	0·4	64	55	bc.c.e.c.	tucr	p.o.	*
	Tynemouth	1009·0	60	WNW	1	omg	1009·8	+1	59	+2	WNW	3	W	bcm	3	0·4	67	56	bcq	cm	om	*
	Spurn Head	1012·8	63	W	5	oqr	1012·5	+1	61	+3	WNW	6	-	cq	5	1	64	58	cqm	coq	cq	0·5
	Yarmouth (Gorleston)	1013·2	65	WNW	3	c	1013·2	+1	61	+4	NW	5	-	bcq	3	-	67	56	bcq.c	cd.c	o.bcq	1·8
	Clacton-on-Sea	1015·0	64	WNW	3	c	1015·5	+2	63	+3	WNW	4	NW	bc	3	-	65	59	c.oz	oz.c	c.bc.	0·8
	Nottingham	1013·3	62	W	2	o	1015·0	*	61	+4	W	2	W	c	*	1	65	56	o.c	op	c.o.	0·4
	Benson (Oxon.)	1014·6	63	SW	3	o	1016·7	+3	60	+2	WNW	3	-	bc	*	1	67	57	or	r	o.b.	*
	Sth Farnborough	1016·8	63	SW	3	ov	1017·1	+2	61	+2	W	3	W	c	*	2	67	58	o.or.o	or.ov	ov.ro.c.	0·1
	Salisbury Plain	1016·3	65	W	4	c	1018·3	+4	61	+3	W	4	-	bc	*	1	67	58	o.b.ro.	oggdc	odq.c.	0·6
	London (Kew Obsy.)	1015·9	64	WSW	3	c	1016·8	+3	62	+3	WSW	3	W	bc	*	1	67	59	o.omr.o	o.c.op.c	cop.cbc	0·2
NORTHERN EUROPE	Spitsbergen	1009·8	39	WNW	4	o	992·7	-1	37	0	N	2	*	o	*	*	43	36				
	Vardö	1003·2	43	-	0	b	999·2	-2	50	+5	-	0	-	b	2	*	46	39				
	Bodö	1003·4	59	-	0	b	1002·0	0	55	0	S	2	-	b	2	-	59	50				
	Christiansund	1003·9	55	-	0	o	1003·9	0	55	0	-	0	-	c	1	-	59	50				
	Skudesnaes	1004·3	57	-	0	c	1003·8	0	57	-2	-	0	-	c	2	9	63	52				
	Færder (X'tiania Fjord)	1002·6	61	SW	4	c	1002·4	+1	59	0	ENE	6	-	m	2	6	64	57				
	The Scaw (Skagen)	1003·4	61	W	2	bc	1002·6	-1	61	+4	W	2	-	bc	2	-	64	54				
	Blaavands Huk	1006·3	59	W	4	c	1007·0	+1	59	0	NW	3	N	c	*	5	61	55				
	Copenhagen	1006·7	57	W	2	r	1004·6	+1	57	+2	NW	1	-	o	*	3	64	55				
	Bornholm	1006·7	61	W	5	r	1003	-1	57	+2	NW	1	-	o	o	6	63	54				
FRANCE, &c.	The Helder	1012·4	63	WSW	5	c	1011·4	0	63	0	W	4	-	c	3	2	66	59				
	C. Gris Nez	1016·7	62	WSW	5	o	1017·1	0	63	+4	WSW	5	*	bc	4	Trace	63	59				
	La Hève	1021·4	66	W	4	bc	1020·8	*	61	0	WNW	6	*	o		1	68	59				
	Brest (St. Mathieu)	1023·8	64	WSW	3	b	1024·3	+1	61	0	WNW	2	*	o		-	66	59				
	Rochefort (Ile d'Aix)	1022·7	68	NW	5	b	1024·3	+2	63	+2	NNW	2	*	o	*	-	?	?				
	Biarritz						1024·7	+2	64	-2	S	1	*	o		-	77	63				
	Paris	1020·3	72	WNW	2	b	1021·0	+1	63	+2	WSW	2		o	*	-	77	57				
	Belfort	1019·8	70	NW	2	c	1022·6	*	61	-7	WSW	4	*	b	*	-	81	55				
	Lyons	1020·0	77	NE	1	o	1022·3	*	68	-2	-	0	*	b	*	-	90	63				
	Nice	1017·5	72	-	0	b	1017·2	0	68	?	-	0	*	o		-	82	63				
	Perpignan	1019·6	79	-	0	b	1020·8	0	75	-5	W	1	*	b	*	-	86	66				
	Sanguinaire						1019·8	*	73	0	E	1	*	b		-	88	66				
IBERIA, &c.	Corunna	1020·0	72	N	2	b	1023·1	+2	63	-5	-	0	-	f	1	-	73	59				
	Madrid	1017·1	86	-	0	bc	1022·7	+2	73	0	-	0	-	b	*	-	93	68				
	Lisbon	1016·8	86	NNW	2	b	1019·5	+2	79	+7	NNW	2	-	b	2	-	91	75				
	Azores (Horta)	1026·7	*	-	0	b	1028·2	+1	66	0	NNE	4	*	b	2	-	79	66				
	,, (P. Delgada)	1025·9	*	SE	1	c	1027·1	+1	68	-4	-	0	*	c	1	-	73	66				
	Madeira	1020·2	70	NE	2	o	1021·1	0	68	0	N	2	-	o	2	-	72	68				
	Gibraltar							*					*									
	Palma	1022·8	81	?	5	b	1022·6	0	79	?	NE	2	-	b	3	-	90	66				
MEDITERRANEAN	Algiers	1018·8	76	NE	3	m	1020·0	+2	73	?	NNE	2	-	m	2	-	82	70				
	Malta	*	*	*	*	*	1020·4	0	75	+2	-	0	-	b	0	-	81	70				
	Salonica	1014·6	76	SE	1	b	1016·1	+2	72	-7	-	0	-	m	*	-	89	64				
	Athens	1016·4	75	NNW	1	b	1015·5	+1	77	?	-	0	-	b	0	-	84	70				
	Candia	1015·2	75	W	3	b	1015·2	+1	77	+2	W	2	E	b	3	-	82	73				
	Limassol	*	*	*	*	*	1008·4	+1	79	-3	-	0	-	b	0	-	90	63				
	Alexandria	1013·8	77	NW	3	bc	1012·0	0	79	0	WNW	4	NW	bc	3	-	88	75				
	Cairo (Helwan)	1012·4	79	N	3	b	1011·9	+1	73	-2	NNW	2	N	b	*	-	90	68				
	Jerusalem	?	68	WNW	3	b	?	?	68	0	WNW	2	W	c	*	-	79	59				
	Ramleh	1011·2	79	W	1	c	1010·3	-2	82	+1	-	0	-	b	*	-	88	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity: Statute miles per hour.	Limits of Velocity: Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

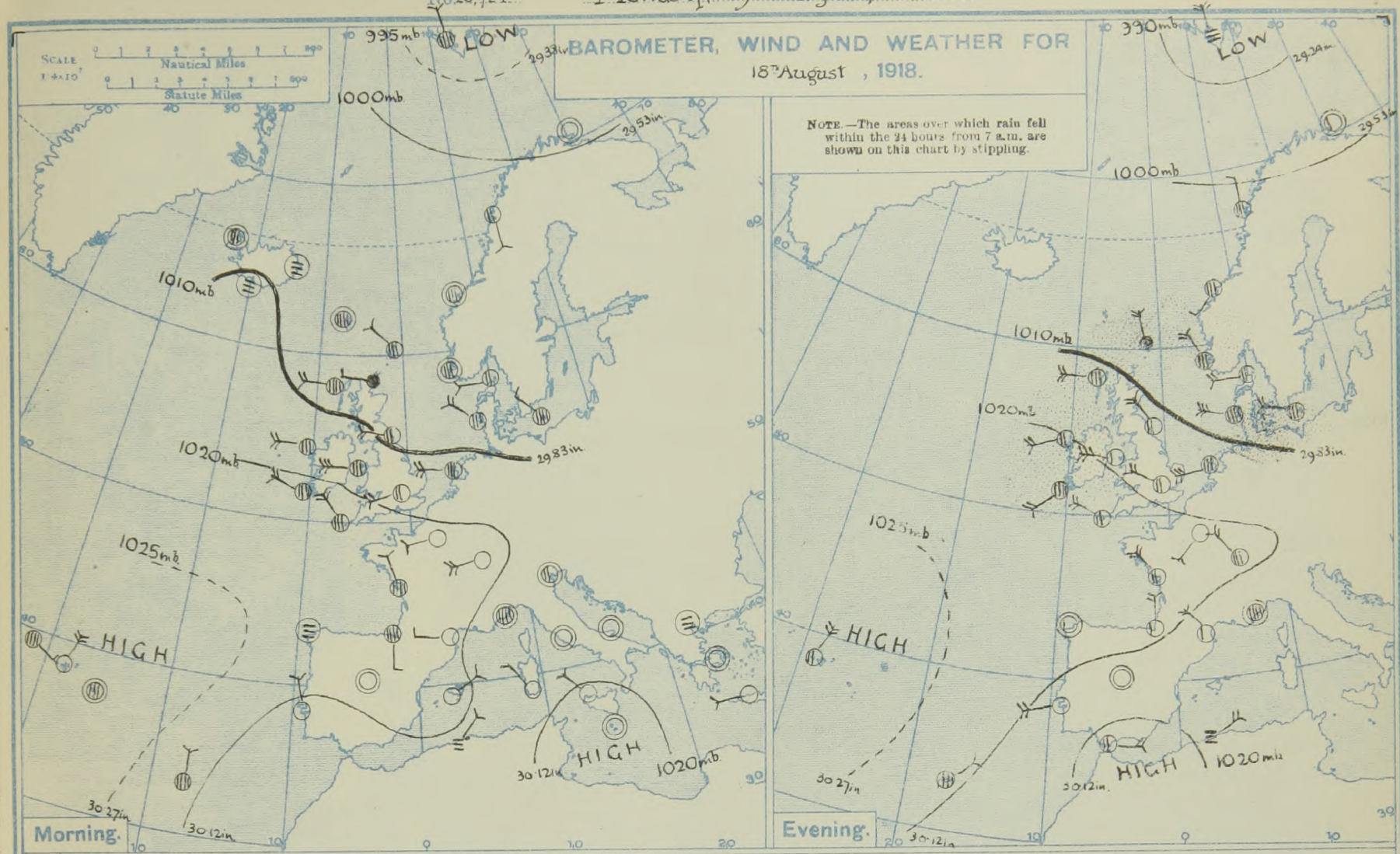
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered).
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,724. Monday, 19th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 18TH AUGUST

	STATIONS.	Evening of 17th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 18th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F.					°F.	°F.
RUSSIA.	Archangel ...														×	
	Petrograd ...															
	Moscow														×	
SWEDEN.	Hernösand ...	1006·4	54	–	0	bc		×						×	×	×
	Stockholm ...	1004·3	61	ENE	2	0		×						×	×	×
	Wisby	1003·6	63	WSW	2	bc		×						×	×	×
ITALY.	Venice						1016·2	×	73	0	NNW	1	m	–	84	68
	Turin	1016·9	76	–	0	b	1017·0	×	72	+2	–	0	b	–	86	64
	Pesaro	1017·3	76	–	0	b	1017·5	×	81	+2	–	0	b	–	82	66
	Leghorn ...						1019·1	×	76	+2	–	0	0	–	79	68
	Rome	1022·1	76	SW	1	bc	?	×	70	+6	?	1	b	–	84	66
	Viesti	1018·3	79	–	0	b	1019·3	×	82	+5	–	0	b	–	82	70
	Brindisi	1019·4	72	–	0	b	1018·6	×	72	+2	NW	1	b	–	75	68
	Cagliari	1019·9	84	SE	2	b	1020·2	×	64	+4	NW	2	b	–	88	64
	Palermo						1021·5	×	72	–1	–	0	b	–	86	59
	Tripoli						1017·0	×	77	0	ESE	1	b	–	77	70

ICELAND.	Morning of 18th: Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F.	°F.			
Isafjord ...	1007·9	52	+6	–	0	c
Reykjavik	1006·7	48	+3	–	0	c
Vestmanna	1012·4	46	0	–	0	f
Seydisfjord	1005·9	45	0	–	0	f
Thorshavn	1005·0	53	0	–	0	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

19th & 20th August 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·44	11·57	7·10
	4·45	11·56	7·8
Greenwich	4·54	12·4	7·14
	4·55	12·3	7·12
Wick	4·45	12·16	7·47
	4·47	12·15	7·45
Valencia	5·33	12·45	7·58
	5·34	12·44	7·56

LONDON 19th August 9h. G.M.T.	Humidity 15 h. 18th	Humidity 9 h. 19th	Sunshine for 18th	24 Hours ended 9 h. 19th: Temperature Max.	Temperature Min.	Min. on Grass.	Rainfall.	Weather Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	52	69	10·0	73	52	43	–	bc	bc	b
CITY (Bunhill Row)	×	×	8·9	×	×	×	×	×	×	×
WESTMINSTER (St. James's Park)	64	77	9·3	72	53	–	–	×	×	×
„ (Roof near Charing Cross) ..	47	61	11·4	73	55	×	–	c. bcq	bcq. bc	×
CAMDEN SQ. (British Rainfall)	–	68	9·1	74	52	48	–	–	–	×
KENSINGTON PALACE	60	61	10·5	72	53	44	–	bc	bc	×

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 18th.

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1610	31	81

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‡ The barometric change is expressed in half-millibars.

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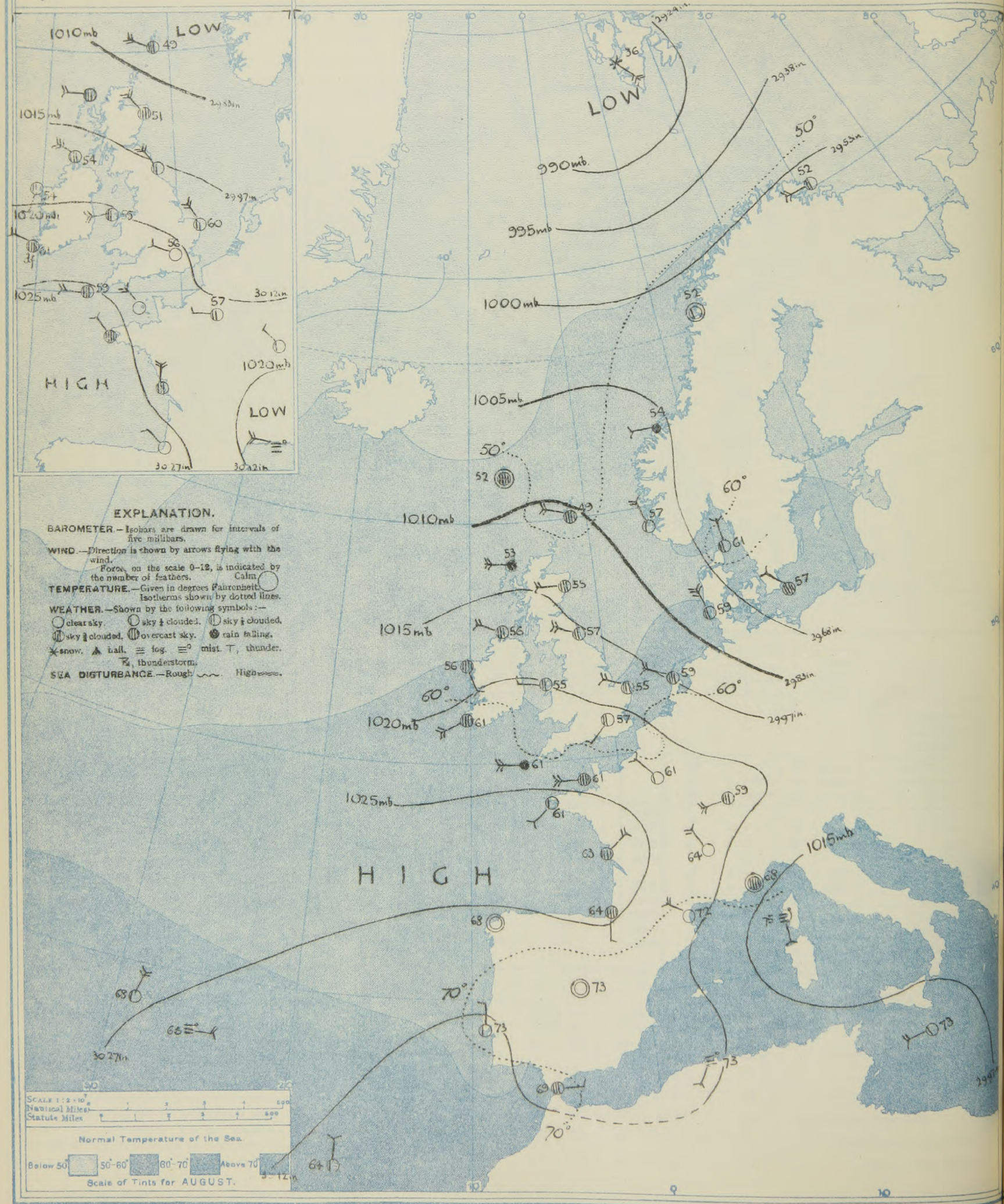
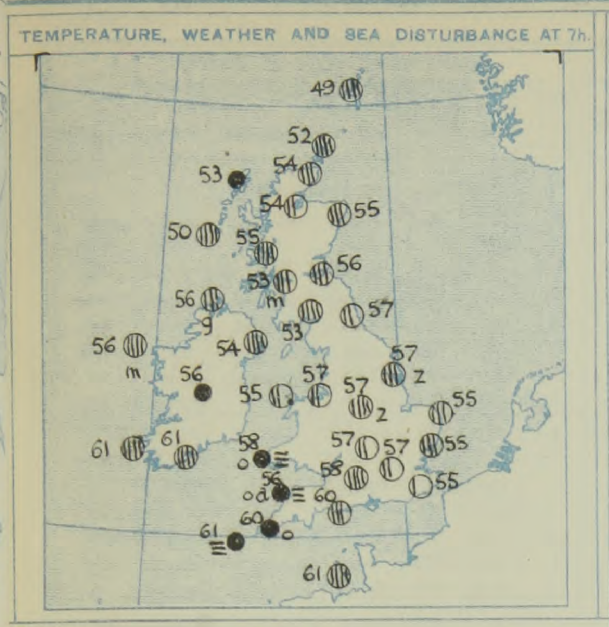
19th AUGUST at 1h. G.M.T.

THE MORNING OF Monday, 19th AUGUST 1918, at 7h. G.M.T.





GALES.

Notes on the Weather of the 24 hours ended 7h. Today

The temperature rose to 70° in the south and east of England, but the day was cooler over the rest of the country. At Aberdeen 8 mm. of rain fell, and at Lerwick 7 mm. Smaller quantities fell at several Irish and Scottish stations, and on our south-west coasts. There were moderately good records of bright sunshine, 11 hours at Jersey, 10 in London and 8 at Clacton and Farnborough.

The Conditions at 7h. Today

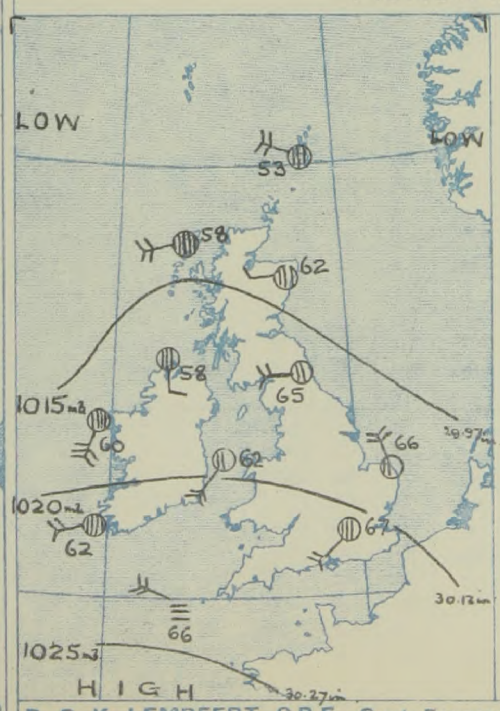
There is a depression over Scandinavia, and some indications of another out in the Atlantic. The barometer is unsteady in the west of England and in Ireland. The wind is from WNW. on the eastern coasts of Great Britain and from W. or WSW. further west. The force is moderate. The weather has become cloudy or dull in all districts, and rain is falling in the Hebrides, and at Birr Castle, in Ireland, while from Pembroke to Scilly there is fog and drizzle. Temperature ranges from about 60° in the south of England to 49° in the Shetlands.

The Outlook

The wind will be moderate in strength from W. or SW. over the United Kingdom, with changeable, showery weather in the west and fair conditions in the east, followed by less settled weather before long. The temperature will be about normal.

H.H.

MONDAY, 19th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The new depression out in the Atlantic does not at present appear to be advancing, and the general conditions do not differ appreciably from those prevailing at 7h.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 231

MONDAY 19TH August

	STATIONS.	Evening of 18th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12	Weather.	Morning of 19th: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h. 19th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Afternoon.	Night.	Sunshine for 18th Hours.
BRITISH ISLANDS.	Lerwick ...	1006·5	50	NNW	3	or	1010·6	+3	49	−4	WNW	4	–	o	3	7	57	46	c	cp	o	*
	Deerness (Orkney)	1007·8	55	WNW	4	bc	1011·8	*	52	−2	WNW	3	NW	o	2	1	58	48	cpd.o	oc.bc	bc.co	1·0
	Stornoway ...	1011·5	58	W	4	cp	1013·9	+1	53	−1	W	4	–	r	3	2	60	51	bcp	bcp	c.bcp	6·4
	Castlebay (Barra Isd.)	1014·2	55	WNW	5	op	1015·7	0	50	−6	W	3	–	o	3	0·4	59	55	p.bcp	pbc.op	op.cp.o	5·7
	Glasgow ...	1013·8	57	W	5	bc	1016·7	+2	53	−2	W	3	NW	cm	*	2	61	51	o.c.bcp	c.bcq	c.apcm	6·6
	Eskdalemuir ...	1014·3	57	WNW	4	cr	1017·3	+2	53	−1	SW	1	W	o	*	6	62	50	opm.c	c.o.pc	cr.c.o	6·4
	Malin Head ...	1011·6	56	WNW	5	cq	1017·2	0	56	−1	WNW	3	W	cg	3	–	59	53	cqp	bcqp	cg	7·3
	Blacksod Point	1020·0	58	WSW	3	bc	1017·3	−2	56	+1	SSE	2	–	om	2	0·3	61	53	bcmp	bcmp	bc.bcm	*
	Valencia (Cahirciveen)	1023·0	60	SW	3	o	1020·6	+1	61	+2	WSW	4	–	o	0	5	63	58	o.c	c.o	do ro	3·8
	Roche's Point	1022·4	65	NW	3	h	1020·5	*	61	+4	W	1	–	o	2	2	67	57	c.o.bc	bc.b	b.opo	*
	Birr Castle ...	1021·6	59	W	2	c	1020·6	*	56	0	S	1	–	r	*	0·2	65	51	c	c	c.om	4·6
	Donaghadee ...	1016·7	60	WNW	4	cpq	1018·8	+2	54	−2	W	2	–	o	2	1	64	52	cgmqp	bcqp	cgmq	*
	Liverpool (Bidston)	1017·4	61	W	5	bc	1019·2	+1	57	−2	W	3	W	bc	3	–	64	55	oq	bcq	c.bc	5·4
	Holyhead ...	1018·9	63	W	5	b	1020·0	0	55	−2	W	1	–	bc	1	–	66	54	c.bc	bc.b	c.bc	8·2
	Pembroke (St. Ann's)	1021·7	61	WSW	4	bc	1021·6	0	58	−1	–	0	–	oft	3	1	62	56	o.c	oc.cq.bc	bcom	6·4
	Hartland Quay	1022·9	63	W	4	b	1022·0	−1	60	−1	SW	3	–	odf	3	2	63	59	op.o.co	o.c.b	b.omdf	*
	Scilly (St. Mary's)	1024·5	62	WNW	4	bc	1023·6	−1	61	−1	W	4	–	fd	4	–	66	58	cqr	cr.bc	c.ome	5·2
	Falmouth ...	1023·6	65	NW	4	bc	1023·2	−1	60	+1	SW	2	–	or	*	1	67	56	ogcqy	cgy.by	od	4·7
	Jersey (St. Aubin)	1023·3	65	W	5	b	1024·3	*	61	−1	W	4	–	o	3	–	67	58	bc.o.b	?	bo	10·8
	Portland Bill ...	1020·8	62	W	4	bc	1022·2	0	60	−2	W	4	W	c	3	–	65	59	c.bc	bc	bc.c	*
	Dungeness ...	1017·2	67	W	4	b	1020·6	+2	55	−8	W	3	W	b	3	–	61	50	bc	bc	bc	*
	Wick	1008·9	55	WNW	4	op	1012·3	+2	54	0	WNW	2	–	c	2	3	60	49	omr.p	omp	omp	*
	Nairn	1010·9	57	W	1	c	1013·8	*	54	−1	WSW	1	–	bc	1	3	63	50	qpr.bc	qpc	pc	4·7
	Aberdeen ...	1010·1	58	WNW	3	c	1013·5	+1	55	−1	W	3	W	c	2	8	65	51	cq	c.bc.cp	cp.bcw	3·8
	Leith	1012·3	61	W	3	bc	1014·8	+1	56	−2	W	2	NW	c	2	–	61	53	b.bc.co	c.bcp.b	bc.coc	*
	Tynemouth ...	1011·8	64	NW	4	bcq	1015·3	+1	57	−2	WNW	4	–	bcmq	3	–	68	53	bcq	bcq	bcq	*
	Spurn Head ...	1014·5	63	WNW	6	bcq	1017·5	+1	57	−4	W	4	–	cq	4	–	65	55	cq	bcq	bcq	5·4
	Yarmouth (Gorleston)	1015·1	66	NW	5	b	1018·1	+2	55	−5	WNW	3	–	c	3	–	70	53	bcq	cqo	c.bcq	7·4
	Clacton-on-Sea	1016·6	69	WNW	3	bcy	1020·1	+2	55	−8	WNW	3	–	c	2	–	71	52	bc	bcy	bc.c	8·0
	Nottingham ...	1017·4	63	WNW	3	c	1019·3	*	57	−4	W	3	NW	oz	*	–	70	51	c	bc.c	c	4·9
	Benson (Oxon.) ...	1018·3	66	WNW	3	bc	1020·9	+1	57	−3	W	1	–	bc	*	–	71	48	bc	bc.c	b	*
	Sth Farnborough	1019·0	65	WNW	4	c	1021·8	+2	58	−3	W	3	W	bc	*	–	70	48	c.bc.o	o.bc.o	c.b.bcw	8·1
	Salisbury Plain	1018·3	61	W	4	bc	1021·8	+1	58	−3	WSW	3	W	o	*	–	67	49	?	odqc	b.bc.co	*
	London (Kew Obsy.)	1018·4	68	WNW	3	bc	1021·1	+2	57	−5	SW	2	N	bc	*	–	70	52	bc.c.bc	bc.bcr	bcr.bc	9·7
NORTHERN EUROPE.	Spitsbergen ...	986·6	34	N	4	f	985·6	+3	36	−1	SE	5	*	s	*	*	36	30				
	Vardö	998·2	46	–	0	b	1002·2	+1	52	+2	W	4	–	bc	3	*	52	37				
	Bodö	1002·2	54	N	1	c	1003·2	0	52	−3	–	0	–	b	0	–	53	50				
	Christiansund ...	1004·3	55	–	0	c	1005·1	+1	54	−1	W	2	–	r	2	2	59	52				
	Skudesnaes ...	1003·5	55	NW	3	c	1006·2	+2	57	0	NNW	3	N	b	2	5	61	52				
	Færder (X'iania Fjord)	1002·3	59	–	0	o	1003·2	+2	57	−2	NNE	2	–	o	1	–	61	55				
	The Scaw (Skagen)	1002·4	61	W	3	bc	1002·0	+1	61	0	N	2	–	bc	2	–	64	54				
	Blaavands Huk	1007·2	61	WNW	4	o	1008·2	+2	59	0	NNW	5	NW	bc	*	3	63	55				
	Copenhagen ...	1005·4	59	NW	1	c	1008·5	0	57	0	W	2	–	o	*	1	64	55				
	Bornholm ...	1005·0	61	WNW	3	c	1003·4	−3	59	+2	NW	2	NW	bc	1	1	61	55				
FRANCE, &c.	The Helder ...	1013·5	63	WSW	5	c	1015·0	+2	61	−2	W	5	–	o	3	–	66	61				
	C. Gris Nez ...	1017·9	63	W	5	b	1021·0	+2	59	−4	W	4	*	bc		–	69	57				
	La Hève	1022·3	63	WNW	5	c	1023·9	*	61	0	NW	4	–	bc	4	–	70	57				
	Brest (St. Mathieu)	1025·2	63	NW	2	c	1026·6	+1	61	0	SW	2	*	b		–	68	59				
	Rochefort (Ile d'Aix)	1023·9	66	NW	4	bc	1026·2	+3	63	0	NE	3	*	o	*	–	75	61				
	Biarritz	1024·2	70	N	3	b	1025·9	+2	64	0	S	1	*	c		–	77	63				
	Paris	1021·0	68	NNW	2	b	1023·8	+2	61	−2	NW	2	–	b	*	–	77	52				
	Belfort	1018·4	72	NW	3	c	1023·1	*	59	−2	WSW	4	*	c	*	–	77	55				
	Lyons						1023·6	*	64	−4	NNW	3	*	b	*	–	86	61				
	Nice	1015·9	68	–	0	o	1015·8	+1	68	−7	–	0	*	o		–	82	61				
	Perpignan ...	1019·2	81	NW	3	b	1021·2	+1	72	−7	NW	3	–	b	*	–	91	68				
	Sanguinaire ...	1018·0	75	SW	3	c	1014·3	*	75	+2	S	2	*	m		–	88	66				
IBERIA, &c.	Corunna	1022·3	68	–	0	b	1022·7	0	68	+5	–	0	–	b	1	–	73	57				
	Madrid	1017·2	93	–	0	b	1021·1	+1	73	0	–	0	–	b	*	–	97	70				
	Lisbon	1019·4	79	WSW	4	b	1019·4	+1	73	−6	N	1	–	b	5	–	88	73				
	Azores (Horta) ...	1028·2	*	NNE	4	bc	1025·1	0	68	+2	NNE	4	*	b	2	–	73	68				
	,, (P. Delgada)		*				1021·6	−1	66	−2	E	3	*	m	2	3	75	66				
	Madeira	1020·6	72	NE	2	o	1019·1	0	64	+4	N	2	–	b	?	–	?	?				
	Gibraltar	1021·3	74	E	3	bc	1020·6	*	69	!	E	1	*	c	1	–	80	68				
	Palma																					
MEDITERRANEAN.	Algiers	1019·6	?	NE	3	f	1020·4	+2	73	0	SSW	2	–	m	0	–	81	70				
	Malta	*	*	*	*	*	1016·4	+1	73	−2	W	3	–	b	1	–	84	70				
	Salonica	1012·3	82	SE	2	b	1012·5	+3	78	+4	NW	1	–	m	*	–	95	68				
	Athens	1014·2	84	WSW	1	b	1012·3	+1	79	+2	–	0	–	m	0	–	90	73				
	Candia	1012·7	79	NW	2	b	1011·5	0	79	+2	–	0	–	b	0	–	84	70				
	Limassol	*	*	*	*	*	1006·6	+2	81	+2	–	0	–	b	0	–	88	64				
	Alexandria ...	1010·4	77	NNW	4	bc	1009·5	0	79	+2	NW	3	NW	bc	2	–	86	75				
	Cairo (Helwan) ...	1009·6	66	N	3	bc	1010·4	+2	75	−4	N	2	–	c	*	–	90	68				
	Jerusalem ...	?	79	–	0	b	?	?	66	+2	NW	2	–	b	*	–	81	57				
	Ramleh	1008·8	79	–	0	b	1008·8	0	81	−1	SSE	1	–	b	*	–	88	68				

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

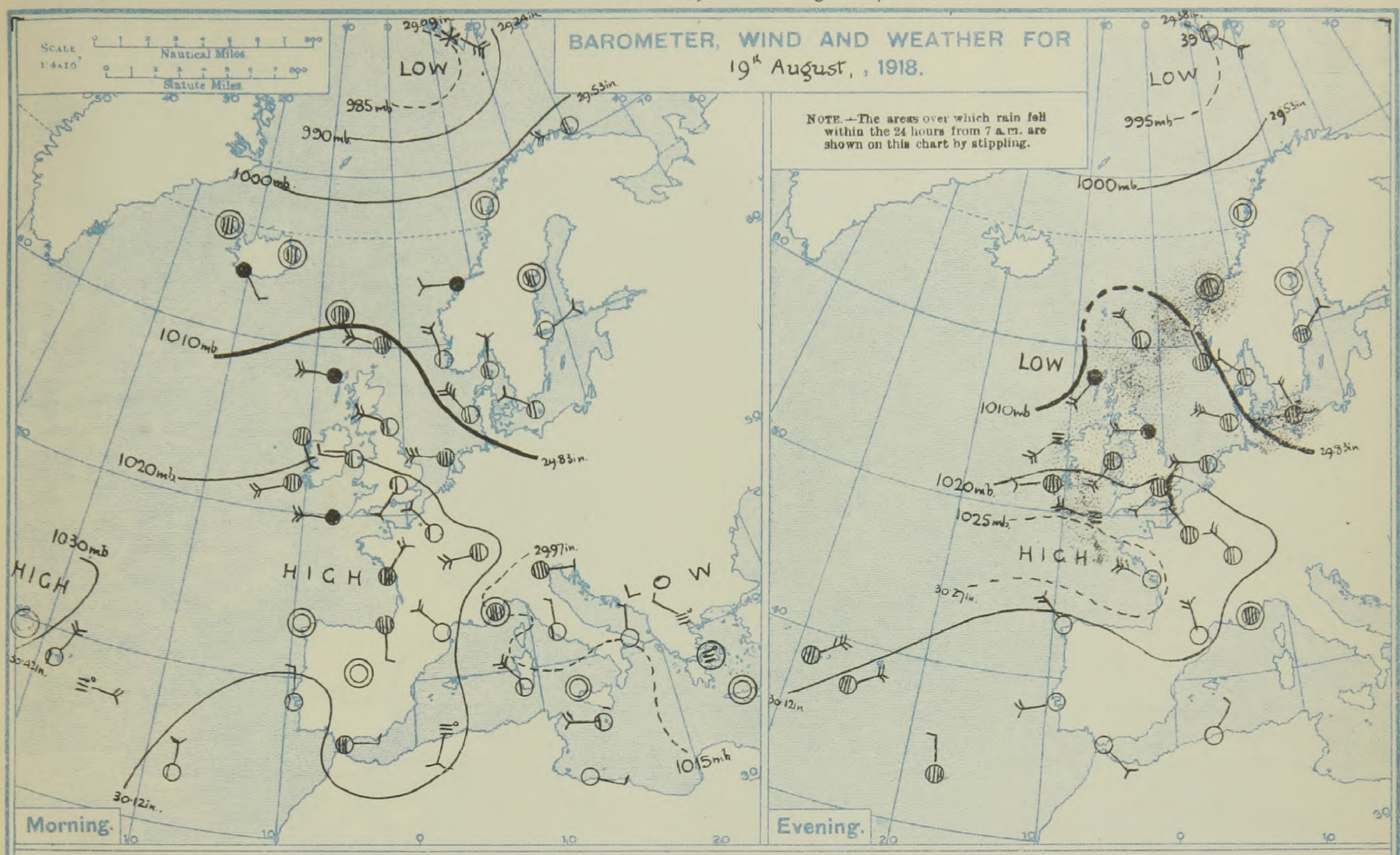
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20725. Tuesday, 20th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 19TH August

	STATIONS.	Evening of 18th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 19th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min
			°F.					‡	°F.	°F.					°F.	°F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...						1002·3	*	62	?	–	0	c	*	*	*
	Stockholm ...						1002·8	*	55	?	ENE	2	b	*	*	*
	Wisby						1002·2	*	57	?	SW	2	c	*	*	*
ITALY.	Venice	1014·2	77	SSE	1	c	1013·8	*	75	+2	E	1	o	–	84	73
	Turin	1015·0	75	–	0	b	1014·5	*	72	0	–	0	b	–	88	66
	Pesaro	1014·7	65	–	0	b	1014·1	*	79	–2	–	0	b	–	84	68
	Leghorn ...						1015·1	*	75	0	–	0	b	–	81	68
	Rome	1019·5	63	SW	1	b	?	*	72	+2	N	1	b	–	82	63
	Viesti	1016·9	79	–	0	b	1014·3	*	81	–1	–	0	b	–	84	77
	Brindisi	1016·7	76	N	1	b	1015·0	*	?	?	NNE	1	m	–	82	70
	Cagliari	1016·9	83	NW	3	b	1017·4	*	64	0	NW	4	b	–	86	64
	Palermo	1019·0	75	NE	1	b	1016·2	*	?	?	–	0	r	3	98	61
	Tripoli						1019·8	*	77	0	ESE	1	b	–	77	66

ICELAND.	Morning of 19th: Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F.	°F.			
Isafjord ...	1005·0	46	–6	–	0	c
Reykjavik	1003·6	46	–2	E	4	o
Vestmanna	1006·1	45	–1	SE	1	r
Seydisfjord	1003·4	43	–2	–	0	c
Thorshavn	1009·7	52	–1	–	0	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

August 20th & 21st 1918.	Sunrise.	Noon.	Sunset.
	G.M.T.	G.M.T.	G.M.T.
Yarmouth	4·45 4·56	11·56 11·56	7·8 7·6
Greenwich	4·55 4·56	12·3 12·3	7·12 7·10
Wick	4·47 4·49	12·15 12·15	7·45 7·42
Valencia	5·34 5·36	12·44 12·44	7·56 7·53

LONDON August 20th 9h. G.M.T.	Humidity. 15 h. 19th	Humidity. 9 h. 20th	Sunshine for 19th	24 Hours ended 9 h. 20th: Temperature. Max.	Temperature. Min.	Temperature. Min. on Grass.	Rainfall.	Weather. Morning.	Weather. Afternoon.	Weather. Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	66	87	7·5	73	59	53	–	c	o	od.c.o
CITY (Bunhill Row)	*	*	7·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	79	89	7·0	72	60	56	–	*	*	*
" (Roof near Charing Cross)	68	85	7·0	73	60	*	–	bc	c.o	*
CAMDEN SQ. (British Rainfall)	65	84	6·1	74	60	55	–	b	b.bc	*
KENSINGTON PALACE	75	94	7·0	72	59	52	–	c.o	o	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 19th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1370	26·6	81

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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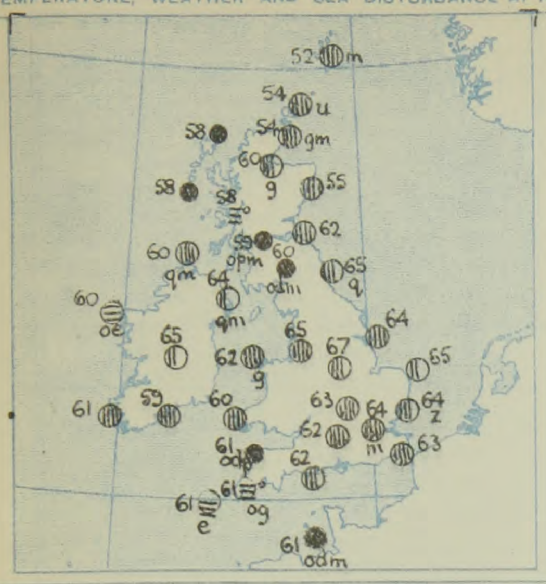
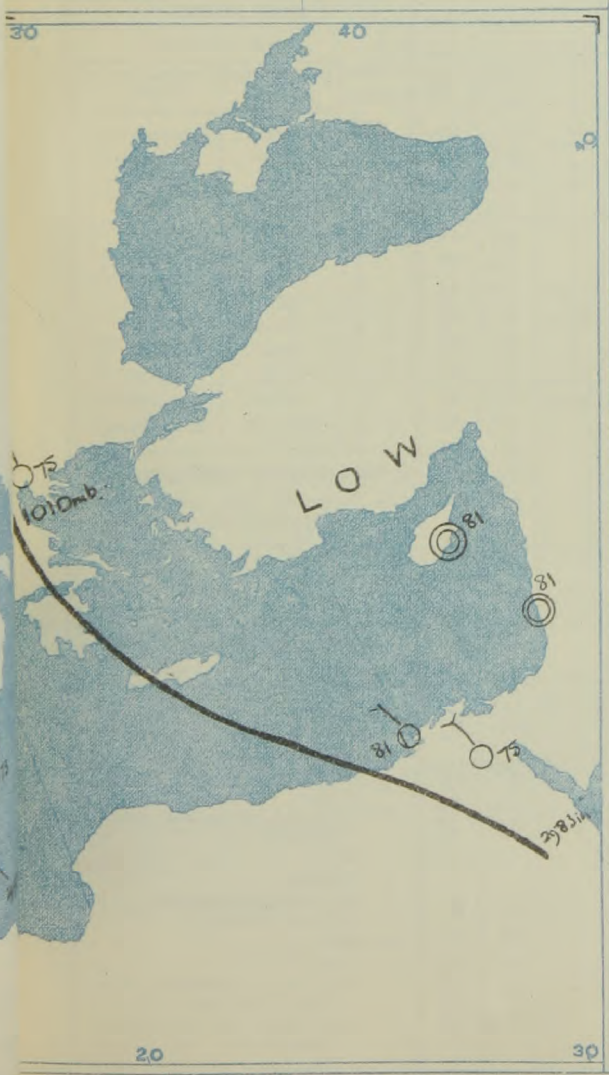
20TH AUGUST at 1h. G.M.T.

THE MORNING OF TUESDAY, 20TH AUGUST 1918, at 7h. G.M.T.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

The temperature rose to 70° at a few English stations and in the south of Ireland, and remained above 60° even during the night at Valencia, Hartland Quay and Falmouth. Rain fell for the most part in small quantities only, but at Glasgow there was a total of 11 mm. Sunshine amounted to 9 hours at Clacton and 8 at Yarmouth, but records were poor generally. Fog continued throughout the day at Pembroke and Scilly.

The Conditions at 7h. Today

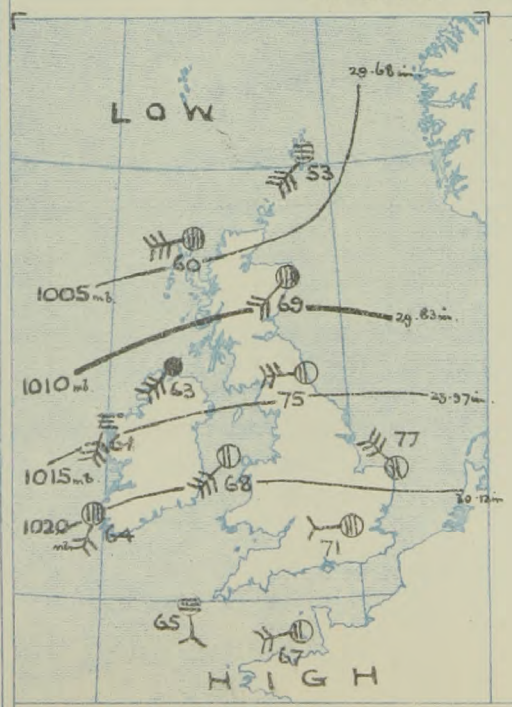
There is a depression between Iceland and Scotland, and an anticyclone over the Bay of Biscay. The barometer is rising slowly over England and is falling in the north of Scotland. The wind is from SW. or W. over the British Isles, fresh in force in the Hebrides and in north Ireland but moderate elsewhere. The weather is dull, with rain in the Hebrides and Southern Scotland, and also at Hartland Quay and Jersey. There is some fog in the Channel and in the west of Ireland. The temperature is up to 60° as far north as Nairn and is 67° at Nottingham.

The Outlook

Moderate or fresh W. breezes with showery weather are probable today and tomorrow over the whole of the United Kingdom, but in the south and east of England the amount of rain will not be large. Temperature will not differ much from the normal.

H.H.

TUESDAY, 20TH AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The fall of the barometer in Scotland continues, and is likely to cause the wind to become strong from SW. or W. over Scotland, Ireland, and Northern England. The sky is clearing in the south; the temperature has risen to 79° at Nottingham.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 232 (Tuesday 20th August)

	Stations.	Evening of 19th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 20th: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h. 20th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 19th. Hours.
BRITISH ISLANDS	Lerwick ...	1013·3	53	NW	4	bc	1008·7	−6	52	+3	S	5	–	om	3	0·1	55	47	c	c	omp	*
	Deerness (Orkney)	1013·2	56	WNW	3	c	1005·7	*	54	+2	S	4	–	ou	3	2	58	52	o.c	c	c.o	1·8
	Stornoway ...	1012·4	55	SW	3	op	1004·9	−1	58	+5	SW	5	–	r	4	5	59	53	c.op	c.op	or.op	2·0
	Castlebay (Barra Isd.)	1010·9	54	SE	4	r	1008·3	0	58	+8	W	4	–	r	4	2	58	54	or	or	r.or	0·0
	Glasgow ...	1015·4	55	S	1	omr	1011·9	0	59	+6	SW	4	–	omp	*	11	61	51	c.o.c.og	or	omr.op	0·1
	Eskdalemuir ...	1015·6	54	SSW	4	or	1013·5	+1	60	+7	SW	4	–	odm	*	6	60	49	o	o.orm	or.odm	0·1
	Malin Head ...	1011·3	59	SW	5	omqd	1011·1	0	60	+4	SW	5	–	omq	5	5	60	55	emp	orm	omqp	0·2
	Blacksod Point	1015·0	60	SW	4	ofe	1018·3	0	60	+4	SSW	5	–	ofe	5	1	61	55	ome	ofe	ofe.om	*
	Valencia (Cahirciveen)	1021·4	62	WSW	2	o	1020·5	0	61	0	SSW	3	–	o	3	–	65	60	o	o.om	o	0·0
	Roche's Point	1021·0	68	W	2	bc	1021·6	*	59	−2	SW	2	–	o	2	–	71	59	o.bc	bc	b.o	*
	Birr Castle ...	1018·4	65	WSW	2	o	1019·3	*	65	+9	SW	1	SW	bc	*	0·2	66	55	omp	c.o	c.bc	0·8
	Donaghadee ...	1013·8	57	S	3	ofr	1013·1	+1	64	+10	W	5	W	bcmq	4	4	65	53	og.cgm	ofd	om.pcq	*
	Liverpool (Bidston)	1017·5	62	SW	1	.	1017·7	+2	65	+8	W	3	W	o	2	–	66	56	bc.c	o	o	3·5
	Holyhead ...	1017·8	61	SW	4	cgm	1018·7	+1	62	+7	SW	4	W	og	3	–	64	54	bcg	bcgm	c.og	6·6
	Pembroke (St. Ann's)	1021·0	61	WSW	3	o	1021·9	+2	60	+2	WSW	2	–	o	3	1	62	57	ofd.o	o.cf.o	ofe.c.o	0·0
	Hartland Quay	1022·1	62	SW	3	odpm	1023·1	0	61	+1	SW	3	–	odp	3	2	63	60	od.fom	odp.df	odm	*
	Scilly (St. Mary's)	1024·2	62	WNW	4	fe	1023·8	0	61	0	W	2	–	fe	3	0·4	67	58	f	f.om.fe	fe	0·5
	Falmouth ...	1023·3	65	SW	4	o3	1024·0	+2	61	+1	W	1	–	omg	*	1	67	60	od	ogm.df	odme	0·0
	Jersey (St. Aubin)	1024·1	63	W	4	og	1024·1	*	61	0	W	3	–	odm	3	1	65	59	odm	odm.b.o	ogdm	0·3
	Portland Bill ...	?1020·6	63	WSW	4	c	1022·1	+1	62	+2	W	3	–	c	3	0·2	63	58	cpm	c	c	*
	Dungeness ...	1020·8	63	WSW	4	c	1021·4	+1	63	+8	WSW	3	–	o	3	–	71	54	bc	bc	c.o.c.o	*
	Wick	1013·6	55	SE	1	o	1006·0	−3	54	0	S	3	–	omg	2	3	61	53	om.bc	bc.op	omp	*
	Nairn	1013·5	58	–	0	cg	1006·8	*	60	+6	W	1	–	cg	1	0·3	61	53	cg	cg	pcg	1·4
	Aberdeen ...	1014·0	59	–	0	o	1008·7	−1	55	0	SW	2	–	o	2	0·2	64	54	bc.cp	c.o	o	2·8
	Leith	1015·1	57	SW	1	r	1011·7	0	62	+6	SW	1	–	o	1	4	63	53	c.o.c.bc	our	r	*
	Tynemouth ...	1016·9	58	WNW	3	rm	1012·7	0	65	+8	WNW	3	–	cq	3	3	68	53	bcq	bcq	om.cq	*
	Spurn Head ...	1018·8	64	WNW	3	o	1016·8	0	64	+7	W	4	–	o	3	3	66	57	bcv	bcv.o	od	5·1
	Yarmouth (Gorleston)	1018·7	65	ESE	2	bc	1016·9	0	65	+10	W	3	–	bc	3	3	69	55	c.bcq	bc	bc	8·3
	Clacton-on-Sea	1019·6	68	WNW	3	bcg	1019·7	+1	64	+9	WNW	3	NW	cg	2	–	71	55	c.bcg	bcyz	bcg	9·4
	Nottingham ...	1018·3	67	ENE	1	c	1017·8	*	67	+10	W	2	W	c	*	–	70	57	o.c	bc.c	c.o	3·6
	Benson (Oxon.) ...	1020·0	63	SW	1	r	1020·5	0	63	+6	WSW	1	–	o	*	1	71	57	bc	od	bc.o	*
	Sth Farnborough	1020·6	63	SSW	3	od	1021·3	+2	62	+4	W	3	–	od	*	TRACE	65	58	bc.o	od.or.d	do.c.od	2·8
	Salisbury Plain	1020·5	66	W	4	o	1021·8	+2	62	+4	W	2	W	o	*	TRACE	66	58	oe	ode	od.bc.o	*
	London (Kew Obsy.)	1020·6	64	SW	2	o	1021·1	+2	64	+7	SW	2	–	om	*	TRACE	68	57	bc.c	c.o	o.omd	6·2
NORTHERN EUROPE.	Spitsbergen ...	995·2	39	SE	4	bc	997·6	+1	41	+5	–	0	*	b	*	*	41	32				
	Vardö															*						
	Bodö	1006·9	52	–	0	b	1008·0	+1	50	−2	–	0	–	c	0	–	54	45				
	Christiansund ...	1008·7	54	–	0	c	1009·4	+1	54	0	W	3	–	c	2	11	57	48				
	Skudesnaes ...	1011·0	55	NNW	2	o	1011·5	+1	66	+9	–	0	–	o	1	–	59	48				
	Færder (X'iania Fjord)	1006·2	63	W	2	b	1010·3	+1	59	+2	N	2	NW	b	3	–	63	55				
	The Scaw (Skagen)	1006·3	61	NW	2	bc	1010·0	+2	61	0	W	2	NW	b	2	–	64	50				
	Blaavands Huk	1013·8	59	NW	5	c	1015·9	0	59	0	NW	3	–	o	*	–	63	55				
	Copenhagen ...	1007·9	57	NW	3	r	1013·5	+3	59	+2	NW	4	–	c	*	8	63	54				
	Bornholm ...	1006·3	59	NNW	3	c	1012·4	+4	59	0	NW	3	–	bc	1	1	63	55				
FRANCE, &c.	The Helder ...	1018·4	63	W	4	bc	1016·8	−2	63	+2	SW	4	–	o	3	–	64	59				
	C. Gris Nez ...	1021·2	61	WSW	5	bc	1021·6	+1	63	+4	W	3	*	o	3	–	64	57				
	La Hève	1023·9	63	W	5	r	1023·8	*	61	0	WNW	4	*	f		3	64	61				
	Brest (St. Mathieu)	1026·4	63	W	3	o	1025·6	+1	61	0	NW	1	*	m		TRACE	68	59				
	Rochefort (Ile d'Aix)	1025·1	66	NW	5	b	1024·3	0	63	0	NE	1	*	b	*	–	73	55				
	Biarritz						1023·2	0	64	0	SE	1	*	b		–	77	63				
	Paris	1023·6	68	NNW	2	o	1024·3	+2	63	+2	WNW	1	–	o	*	TRACE	73	61				
	Belfort	1022·1	66	NW	2	c	1025·6	*	57	−2	WSW	2	*	c	*	–	72	54				
	Lyons						1023·8	*	64	0	N	3	*	b	*	–	81	59				
	Nice	1014·2	68	?	4	o	1016·6	+3	70	+2	–	0	*	b		–	82	63				
	Perpignan ...	1019·1	81	NNW	3	b	1019·6	0	75	+3	W	3	–	b	*	–	88	68				
	Sanguinaire ...							*					*									
IBERIA, &c.	Corunna	1019·8	72	NW	3	b	1019·0	+1	68	0	–	0	–	b	1	–	79	63				
	Madrid	1016·0	91	–	0	bc	1019·8	+2	75	+2	NNE	1	–	b	*	–	99	68				
	Lisbon	1019·1	86	WSW	3	b	1018·2	+2	75	+2	WSW	1	–	c	2	–	93	70				
	Azores (Horta) ...	1023·4	*	NNE	5	c	1021·2	0	68	0	NNE	3	*	o	2	–	73	66				
	,, (P. Delgada)	1019·8	*	NE	4	c	1018·3	0	68	+2	N	4	*	c	1	1	73	66				
	Madeira	1019·6	72	N	1	o	1019·9	−1	64	0	N	1	–	b	1	–	73	64				
	Gibraltar	1018·6	74	SE	2	b	1017·3	*	68	+1	E	2	*	b	1	–	85	61				
	Palma																					
MEDITERRANEAN.	Algiers	1018·6	75	NE	1	b	1018·7	+1	72	−1	–	0	–	b	2	–	82	68				
	Malta	*	*	*	*	*	1013·1	+2	73	0	NW	3	–	o	1	–	84	72				
	Salonica	1008·8	80	SE	1	b	1009·2	+4	76	−2	N	5	–	b	*	–	96	67				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1006·0	+1	81	0	–	0	–	b	0	–	90	61				
	Alexandria ...	1010·0	77	NW	2	bc	1009·1	+2	81	+2	NNW	1	NW	b	1	–	90	75				
	Cairo (Helwan) ...	1007·8	84	N	2	b	1009·2	+1	75	0	NNW	2	–	b	*	–	91	70				
	Jerusalem ...	?	72	NW	4	b	?	?	75	+9	NE	1	–	b	*	–	84	63				
	Ramleh	1007·6	79	NW	1	b	1008·6	+1	81	0	–	0	–	b	*	–	91	68				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

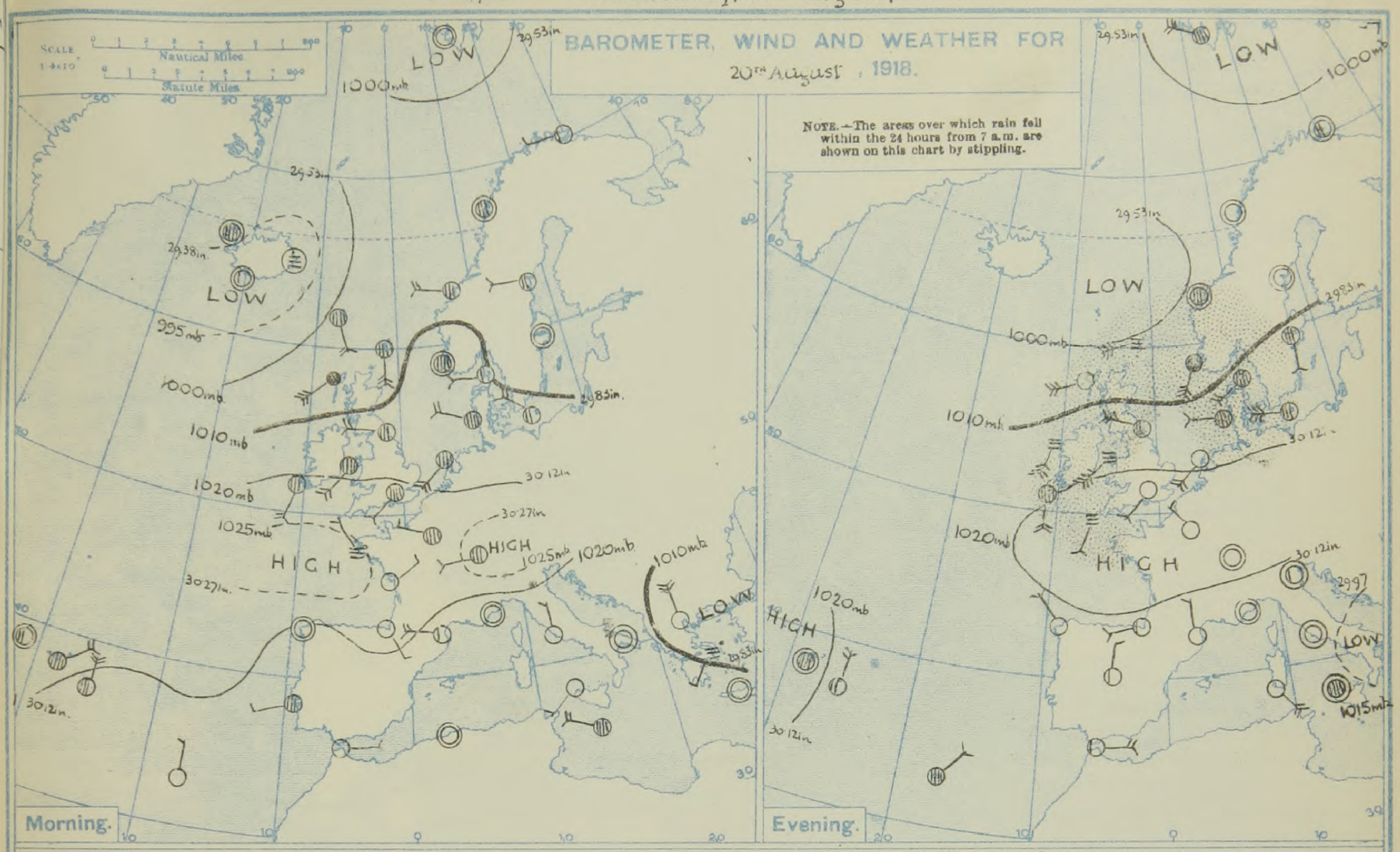
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,726. Wednesday, 21st August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 20th August

	STATIONS.	Evening of 19th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 20th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	.
SWEDEN.	Hernösand ...	1003·6	55	–	0	b	1006·8	*	57	+5	W	2	bc	*	*	*
	Stockholm ...	1004·2	57	NE	2	0	1008·2	*	57	+2	–	0	b	*	*	*
	Wisby	1004·8	57	NE	2	b	1008·7	*	61	+4	WNW	2	b	*	*	*
ITALY.	Venice							*								
	Turin	1013·7	75	–	0	b	1017·7	*	73	+1	–	0	c	–	86	61
	Pesaro	1011·7	77	–	0	c	1016·9	*	77	–2	E	1	0	–	86	68
	Leghorn ...	1013·8	75	–	0	b	1015·9	*	76	0	–	0	b	–	88	?
	Rome	1014·5	73	SW	1	b	1015·6	*	72	0	N	1	b	–	84	66
	Viesti	1013·3	79	N	1	b	1014·6	*	77	–4	NW	1	b	–	82	68
	Brindisi	1013·3	73	–	0	b	1012·6	*	75	?	?	?	b	–	?	70
	Cagliari							*								
	Palermo	1013·3	77	–	0	b	1013·9	*	62	?	SW	1	b	–	88	61
	Tripoli							*								

Morning of 20th

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	995·9	48	+2	–	0	0
Reykjavik	993·8	50	+4	S	7	c
Vestmanna	994·0	46	+1	–	0	b
Seydisfjord	992·3	41	–2	–	0	f
Thorshavn	1001·6	52	0	SSE	3	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

21st & 22nd August 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·46	11·56	7·6
	4·48	11·56	7·4
Greenwich	4·56	12·3	7·10
	4·58	12·3	7·8
Wick	4·49	12·15	7·42
	4·51	12·15	7·40
Valencia	5·36	12·44	7·53
	5·38	12·44	7·51

LONDON 21st August 9h. G.M.T.	Humidity 15 h. 20th %	Humidity 9 h. 21st %	Sunshine for 20th Hours.	24 Hours ended 9 h. 21st: Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	60	85	5·7	80	60	51	–	0	b	b.0
CITY (Bunhill Row)	*	*	6·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	71	88	5·8	78	61	58	–	*	*	*
" (Roof near Charing Cross).	60	83	5·9	80	61	*	–	om.0	bc.b	*
CAMDEN SQ. (British Rainfall)	60	85	5·1	80	61	57	–	0	bc.b	*
KENSINGTON PALACE	68	90	5·7	79	61	45	–	0.b	b.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 20th.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1120	21·8	65·5

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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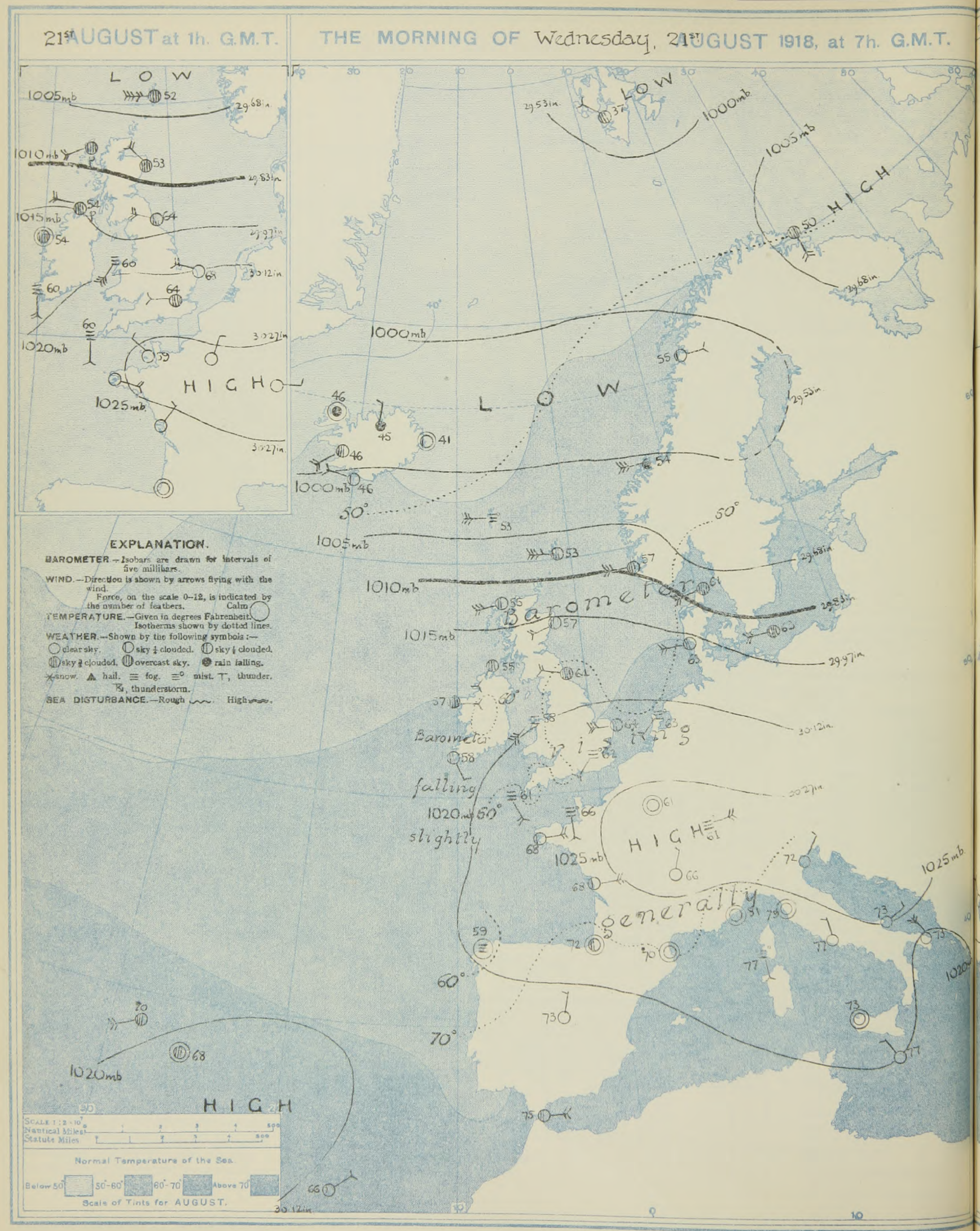
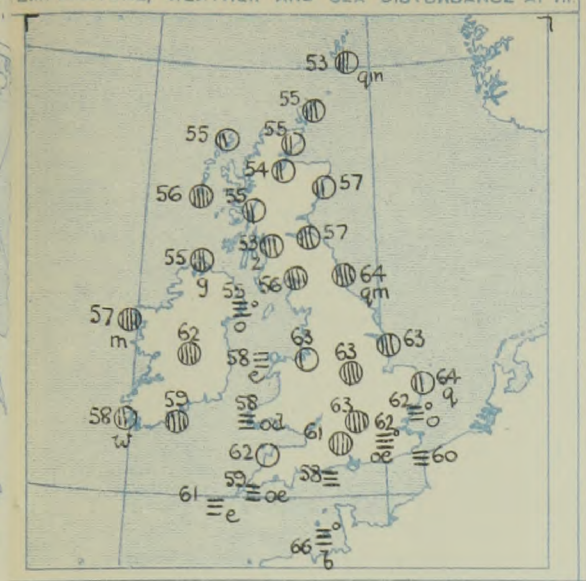
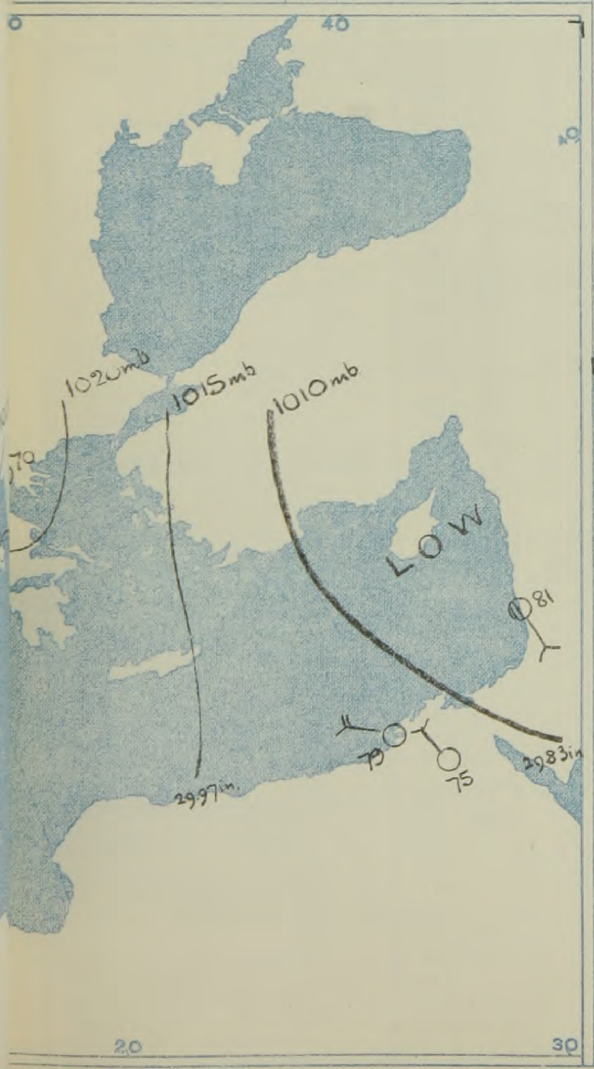

21st AUGUST at 1h. G.M.T.
THE MORNING OF Wednesday, 21st AUGUST 1918, at 7h. G.M.T.
LOW
HIGH
Barometer falling slightly generally
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
clear sky. sky ¼ clouded. sky ½ clouded.
sky ¾ clouded. overcast sky. rain falling.
snow. hail. fog. mist. thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High.
Scale 1 : 2·10⁷
Nautical Miles
Statute Miles
Normal Temperature of the Sea.
Below 50° 50°–60° 60°–70° Above 70°
Scale of Tints for AUGUST.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

The temperature rose to 82° at Yarmouth, and to 80° at Nottingham, Benson, and Farnborough. The minimum was above 60° generally along the east coast. Some rain fell in Scotland and Ireland, and in the Shetlands (7 mm. at Lerwick), but there was little or none in England. Fog was again abundant on our western coasts, and in the Channel. The sun shone for 11 hours at Yarmouth and Nottingham, but only for a very short time in Scotland and Ireland.

The Conditions at 7h. Today

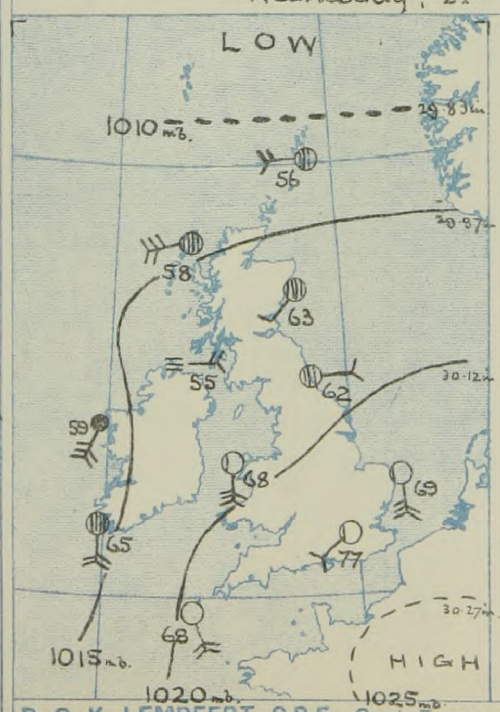
The east of France is now the region of highest pressure, and there is a depression over Scandinavia. There are indications of a fresh disturbance out in the Atlantic. The wind is light from between S. and E. on our south-west coasts, but is from W. or SW. over the United Kingdom generally, and is fresh or strong in the Hebrides and Shetlands. There is much cloud, and coastal fog from Holyhead to Scilly and in the Channel. Somewhat fairer and clearer weather prevails in Scotland. The temperature is unusually high for the time of day in England, being 64° as far north as Tynemouth.

The Outlook

Light W. or SW. winds are probable over the country generally, but near the Mouth of the Channel and in Southern Ireland there will be a light Easterly breeze. The weather will be fair or fine, and very warm.

H.H.

Wednesday, 21st AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is now falling from north Ireland down to the Mouth of the Channel, but is still rising briskly in the Shetlands. The Atlantic depression is beginning to affect our western coasts, but fair or fine weather will probably continue over England and Eastern Scotland.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 233 (Wednesday 21st August)

	Stations.	Evening of 20th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 21st: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h. 21st: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 20th. Hours.
BRITISH ISLANDS.	Lerwick ...	1000·9	54	WSW	6	fe	1007·5	+4	53	+1	W	7	W	cmq	4	7	55	49	cm	fd.fe	cmq	*
	Deerness (Orkney)	1003·4	59	WSW	5	o	1011·8	*	55	+1	WSW	4	W	c	4	2	60	52	od.o	op.o	opc	0·3
	Stornoway ...	1005·4	57	WSW	5	cpq	1013·4	+4	55	−3	WSW	5	-	bc	4	3	61	52	opq	o.cpq	o.bcp	1·0
	Castlebay (Barra Isd.)	1008·5	56	WNW	4	r	1015·9	+1	56	−2	W	3	-	o	3	3	59	54	r	r	ro.bc.o	0·0
	Glasgow ...	1012·3	62	WSW	4	og	1017·6	+4	53	−6	W	2	W	eg	*	3	63	51	omp	omp	op.o.eg	0·0
	Eskdalemuir ...	1013·3	64	SW	5	o	1018·1	+5	56	−4	WSW	3	-	o	*	4	65	55	odm.o	om.oq	o.c.o	0·0
	Malin Head ...	1011·0	61	SW	5	o	1016·8	+2	55	−5	SW	2	SW	eg	4	2	63	53	cmqp	cmqp	eg	0·6
	Blacksod Point	1013·9	58	SSW	6	ofe	1016·5	0	57	−3	E	2	-	om	3	3	65	52	omp	ofe	oft.om	*
	Valencia (Cahirciveen)	1019·5	62	S	4	o	1017·0	−2	58	−3	SSE	1	W	bcw	3	0·3	65	58	o	o	or.o.bcw	0·0
	Roche's Point	1020·1	62	SW	3	o	1019·4	*	59	0	SE	2	-	o	2	1	62	57	o.f	f.o	of.do	*
	Birr Castle ...	1017·7	67	W	2	c	1018·1	*	62	−3	SSE	1	-	o	*	-	72	61	c.o	c	c.o	4·3
	Donaghadee ...	1014·3	68	W	5	ocmqf	1018·0	+5	55	−9	ENE	1	-	om	1	0·4	74	55	bcmq	bcq	cm omo	*
	Liverpool (Bidston)	1016·0	70	SW	3	b	1020·0	+2	63	−2	-	0	-	b	0	-	74	61	o.bc	b	bcm	7·7
	Holyhead ...	1018·3	61	SW	7	fq	1020·0	+1	58	−4	SW	5	-	fe	4	0·2	69	58	opd.bc	bc.cf	fe	6·8
	Pembroke (St. Ann's)	1022·3	61	SSW	3	of	1021·5	+1	58	−2	S	2	-	afd	3	1	64	58	o	o.cf	ofd	0·0
	Hartland Quay	1022·8	62	SSW	3	oaf	1022·1	−1	62	+1	ESE	3	-	b	3	0·1	65	59	odpmo	abc.om	dfomb	*
	Scilly (St. Mary's)	1023·1	63	SSW	2	f	1021·5	0	61	0	SSE	3	-	fe	4	0·2	66	59	fe	fe	fe	2·5
	Falmouth ...	1023·1	63	SW	3	ogf	1023·0	0	59	−2	SE	1	-	ofe	*	TRACE	72	57	c.bc	bc.c.og	ofe	3·7
	Jersey (St. Aubin)	1023·9	66	WSW	2	b	1023·9	*	66	+5	S	2	-	bm	1	0·1	69	56	omd.bc	c.b	bm	4·7
	Portland Bill ...	1022·8	60	W	3	f	1023·2	0	58	−4	W	2	S	f	3	-	64	58	bc	bcf	f	*
	Dungeness ...	1022·2	61	WSW	4	f	1023·3	+2	60	−3	WSW	3	-	f	3	-	68	58	o.c	c.c.o.f	f	*
	Wick ...	1004·8	63	W	5	op	1012·9	+5	55	+1	WNW	3	-	bc	2	2	64	49	omgr	omp	omp.bc	*
	Nairn ...	1006·5	63	WSW	2	cqg	1013·7	*	54	−4	SW	2	-	bc	1	2	67	49	cqg	cqg	p.rd	0·2
	Aberdeen ...	1008·1	68	SW	3	o	1015·1	+3	57	+2	SW	3	W	bc	2	-	71	53	o	o.c.o	c.bcw	0·3
	Leith ...	1010·2	65	SSW	2	r	1016·1	+5	57	−5	SW	1	W	c	1	2	68	55	o.c ocd	or.cmg	rm.bq	*
	Tynemouth ...	1013·5	71	WNW	5	bcq	1017·5	+3	64	−1	WNW	3	-	omq	3	-	76	62	bcq	bcq	cmq	*
	Spurn Head ...	1018·2	74	W	3	bc	1020·3	+1	63	−1	WSW	3	-	c	2	-	75	61	cq	cq	bc	6·9
	Yarmouth (Gorleston)	1018·4	79	W	2	b	1020·8	+2	64	−1	W	5	-	bcq	3	-	82	62	bcq	bcq.b	b.bc	10·9
	Clacton-on-Sea	1020·5	72	W	1	bz	1023·1	+2	62	−2	SSW	3	-	om	2	0·1	76	62	cq.o.bc	bc.bz	bzwom	6·6
	Nottingham ...	1018·5	78	W	3	b	1021·0	*	63	−4	W	2	W	o	*	-	80	60	bc	b	b	11·3
	Benson (Oxon.) ...	1020·5	74	SW	2	b	1023·1	0	63	0	SW	1	-	o	*	-	80	61	bc	b	b.o	*
	Sth Farnborough	1021·2	75	SSW	4	b	1023·3	+2	61	−1	SW	3	-	om	*	TRACE	80	59	d.o.c	c.b	b.om	6·7
	Salisbury Plain	1021·3	75	WSW	3	b	1023·4	+1	61	−1	SW	1	-	o	*	-	77	59	o.c.bc	b	bcomf	*
	London (Kew Obsy.)	1020·7	78	SW	2	b	1023·6	+1	62	−2	SW	2	-	ome	*	-	79	60	om.o.c	c.bc.bcq	bbcome	6·3
NORTHERN EUROPE.	Spitsbergen ...	998·6	39	WNW	5	o	998·8	+1	37	−4	NW	2	*	c	*	*	41	34				
	Vardö ...	1002·2	41	-	0	bc	1005·9	?	50	?	S	4	-	b	3	*	48	39				
	Bodö ...	1007·0	52	-	0	b	1010·2	−3	55	+5	E	2	W	b	2	-	54	48				
	Christiansund ...	1001·9	57	-	0	c	1000·3	+1	54	0	W	6	-	r	3	17	57	52				
	Skudesnaes ...	1005·2	59	SSW	5	r	1009·9	+3	57	−9	W	5	-	c	3	9	59	54				
	Færder (Christiania Fjord)	1008·8	61	SW	6	a	1004·2	+2	63	+4	SW	6	W	bc	3	3	63	59				
	The Scaw (Skagen)	1011·2	59	SW	3	o	1007·4	0	61	0	WSW	4	-	o	4	3	64	57				
	Blaavands Huk	1014·3	63	W	2	o	1016·8	+2	63	+4	W	4	NW	bc	*	TRACE	64	57				
	Copenhagen ...	1015·6	63	W	1	o	1013·9	+1	64	+5	W	4	-	o	*	1	64	57				
	Bornholm ...	1015·6	61	W	5	c	1013·8	+1	63	+4	W	5	-	o	1	TRACE	63	55				
FRANCE, &c.	The Helder ...	1019·1	66	SW	4	b	1021·1	+2	63	0	SW	3	-	m	2	TRACE	68	63				
	C. Gris Nez ...	1022·3	59	SW	4	f	1024·2	0	61	−2	SW	4	*	f	3	-	64	57				
	La Hève ...	1024·4	66	WNW	2	b	1025·5	*	68	+7	ESE	2	*	f		TRACE	72	61				
	Brest (St. Mathieu)	1024·3	64	W	1	m	1022·4	−1	68	+7	ENE	3	*	b		-	75	59				
	Rochefort (Ile d'Aix)						1022·4	0	68	+5	E	4	*	b	*	-	81	66				
	Biarritz ...	1019·8	76	WSW	2	b	1020·4	+1	72	+8	-	0	*	bc		-	81	66				
	Paris ...	1024·2	70	N	2	b	1026·0	+1	61	−2	-	0	*	b	*	-	75	54				
	Belfort ...	1023·0	64	-	0	b	1027·5	*	61	+4	E	4	*	m	*	-	79	55				
	Lyons ...						1025·4	*	66	+2	-	0	*	b	*	-	68	57				
	Nice ...	1018·0	77	-	0	b	1022·8	+3	81	+11	-	0	*	b		-	84	68				
	Perpignan ...	1018·2	84	N	1	b	1022·4	+3	70	−5	-	0	*	b	*	-	95	61				
	Sanguinaire ...						1020·6	*	77	?	S	2	*	m		-	88	68				
IBERIA, &c.	Corunna ...	1019·9	72	NW	2	b	1021·2	+2	59	−9	-	0	-	f	1	-	77	57				
	Madrid ...	1013·8	95	-	0	b	1019·5	+3	73	−2	NNE	1	-	b	*	-	99	68				
	Lisbon ...																					
	Azores (Horta) ...	1021·0	*	-	0	o	1019·9	0	70	+2	WSW	4	*	c	1	-	77	68				
	,, (P. Delgada)	1018·7	*	NNE	3	bc	1020·2	+1	68	0	-	0	*	c	1	-	75	68				
	Madeira ...	1018·3	73	NE	2	o	1019·4	0	66	+2	NE	2	-	b	2	-	73	64				
	Gibraltar ...	1017·9	73	E	3	b	1018·3	*	75	+7	E	4	*	bc	2	-	86	67				
	Palma ...																					
MEDITERRANEAN.	Algiers ...																					
	Malta ...	*	*	*	*	*	1020·0	+2	77	+4	NNW	1	-	b	1	-	79	73				
	Salonica ...	1013·7	76	NW	6	b	1021·6	+7	70	−6	N	2	-	b	*	-	88	64				
	Athens ...																					
	Candia ...																					
	Limassol ...	*				*																
	Alexandria ...	1011·0	79	N	2	b	1011·2	+2	79	−2	NW	3	-	b	2	-	88	73				
	Cairo (Helwan) ...	1008·7	88	-	0	b	1011·0	+3	75	0	NNW	2	-	b	*	-	97	70				
	Jerusalem ...	?	73	NW	4	b	?	?	72	−3	W	5	-	b	*	-	?	61				
	Ramleh ...	1008·3	79	NW	1	b	1008·7	+1	81	0	S	2	-	bc	*	-	91	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

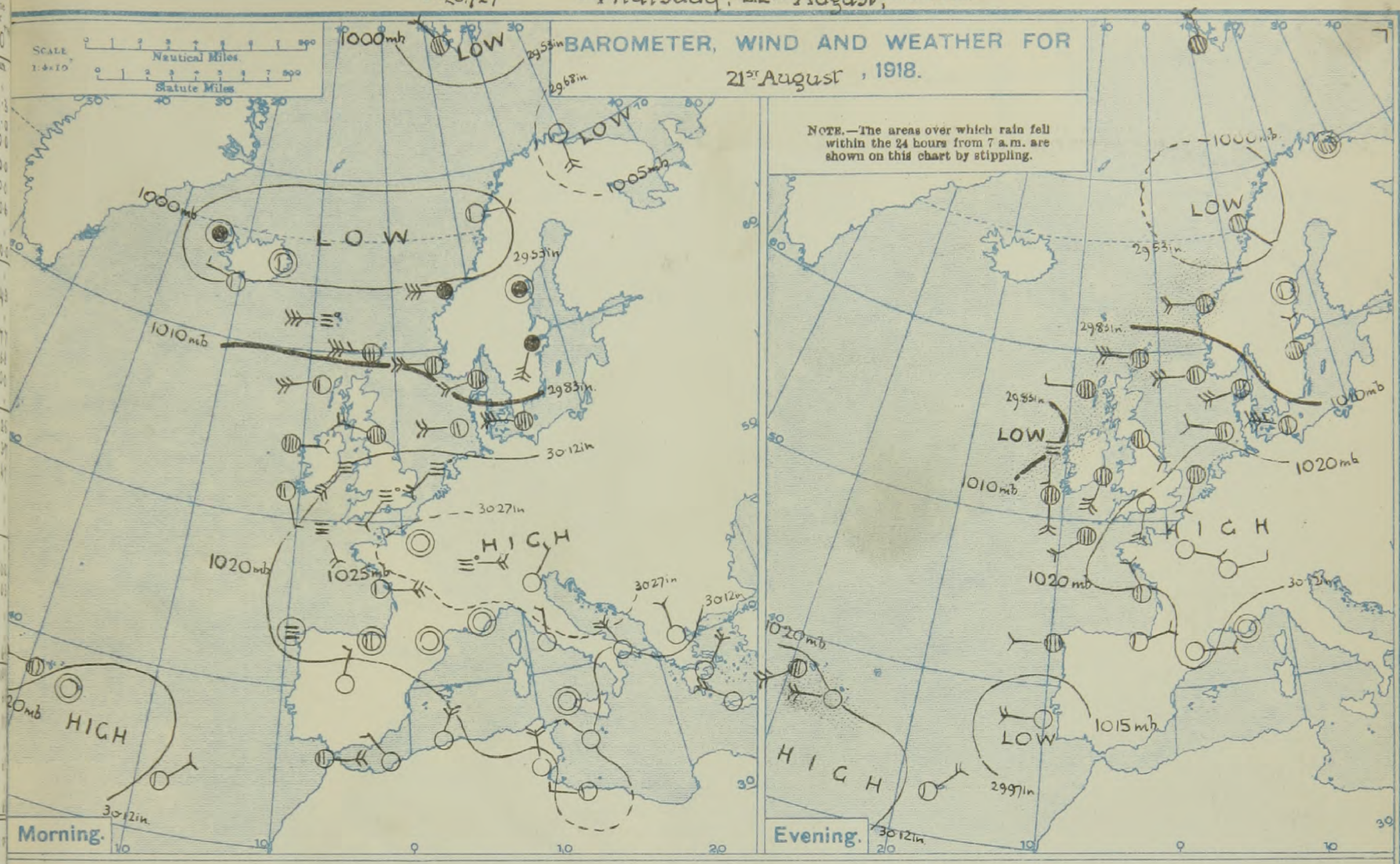
b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,727 — Thursday, 22nd August, 1918.

BAROMETER, WIND AND WEATHER FOR 21st August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 21st August

STATIONS.	Evening of 20th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 21st: Barometer Millibars at M.S.L.	Change in 3 hours ‡	Temp. Dry Bulb °F.	Change in 24 hours °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.															
Archangel ...														*	
Petrograd ...															
Moscow														*	
SWEDEN.															
Hernösand ...	1008·4	59	–	0	b	1002·0	*	52	−5	–	0	r	*	*	*
Stockholm ...	1010·2	61	S	2	c	1004·6	*	55	−2	SSW	4	r	*	*	*
Wisby	1014·5	61	WSW	2	b	1007·5	*	57	−4	SSW	4	r	*	*	*
ITALY.															
Venice	1016·2	75	–	0	b	1026·1	*	72	?	NE	1	b	–	81	68
Turin	1021·9	75	–	0	b	1026·7	*	68	−5	N	3	o	–	86	66
Pesaro						1025·9	*	75	−2	–	0	b	–	82	59
Leghorn ...	1018·6	79	–	0	b	1022·5	*	79	+4	–	0	b	–	81	75
Rome	1018·2	77	–	0	b	1023·5	*	77	+5	N	1	b	–	88	72
Viesti	1018·6	81	NW	1	b	1025·3	*	73	−4	ENE	1	b	–	82	68
Brindisi	1013·3	77	N	4	b	1019·4	*	73	−2	N	4	b	–	79	73
Cagliari	1015·7	82	SE	4	b	1021·4	*	66	?	–	0	bc	–	88	64
Palermo	1015·5	77	–	0	o	1021·4	*	73	+11	–	0	b	–	86	66
Tripoli						1022·6	*	77	?	NW	1	b	–	79	64

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb °F.	Temp. Change in 24 hours °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	9988	46	−2	–	0	r
Reykjavik	9999	46	−4	SW	4	c
Vestmanna	1001·0	46	0	WNW	2	b
Seydisfjord	997·6	41	0	–	0	b
Thorshavn	1002·3	53	+1	W	6	m

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

22nd & 23rd August 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·48 / 4·50	11·56 / 11·56	7·4 / 7·2
Greenwich	4·48 / 5·0	12·3 / 12·3	7·8 / 7·6
Wick	4·51 / 4·53	12·15 / 12·15	7·40 / 7·37
Valencia	5·38 / 5·40	12·44 / 12·44	7·51 / 7·49

LONDON August 22nd 9h. G.M.T.	Humidity 15 h. 21st %	Humidity 9 h. 22nd %	Sunshine for 21st Hours.	24 Hours ended 9 h. 22nd: Temperature Max. °F.	Temperature Min. °F.	Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory) ..	55	60	9·7	84	63	52	–	b	b	b.bw
CITY (Bunhill Row)	*	*	9·0	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	61	69	9·4	83	62	57	–	*	*	*
" (Roof near Charing Cross)	52	58	9·4	83	65	*	–	cs.bc	b	*
CAMDEN SQ. (British Rainfall)	52	63	8·4	86	63	57	–	b	b	*
KENSINGTON PALACE	55	65	9·2	83	62	53	–	b	b	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during ...21st.....

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1630	31·9	68

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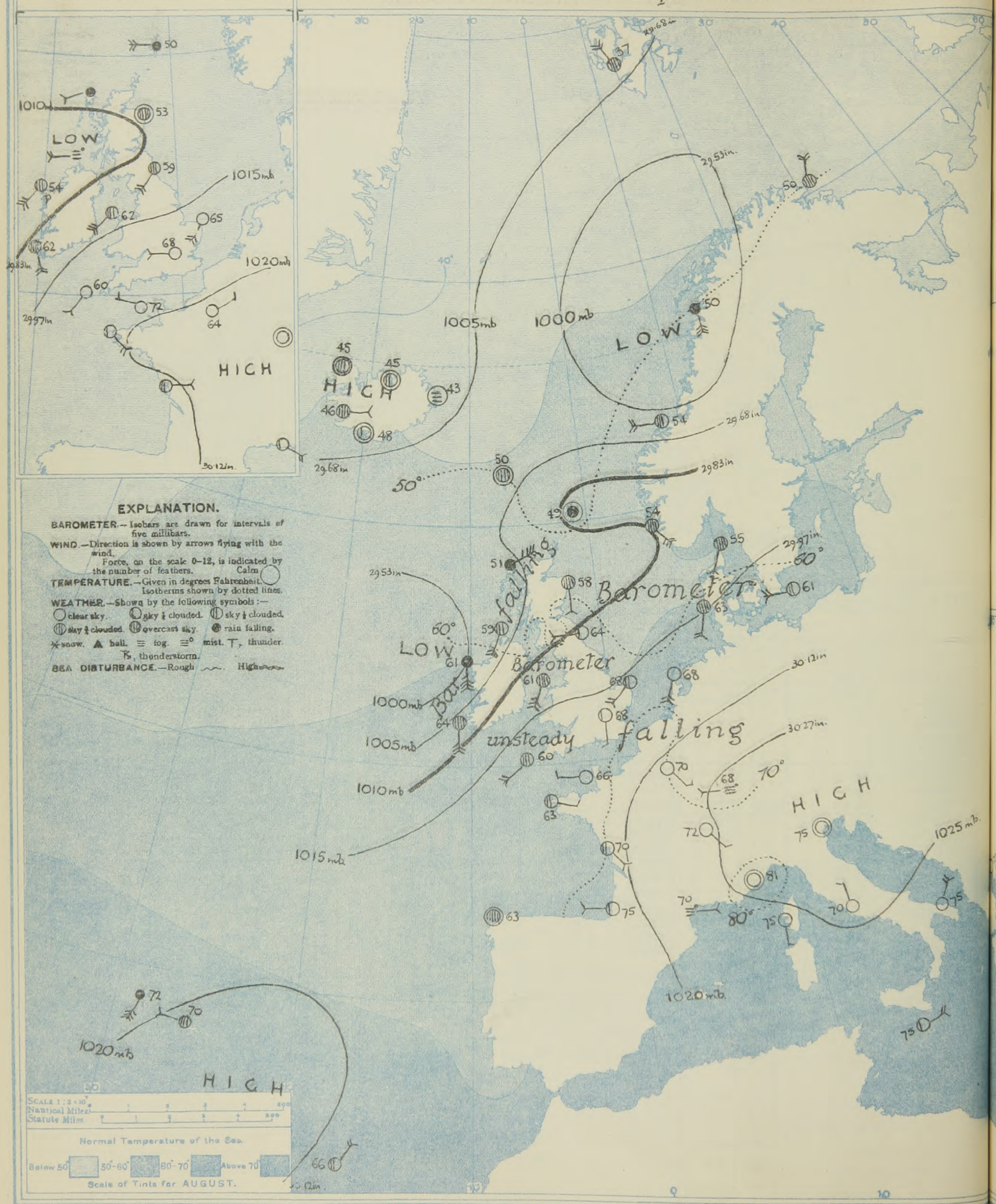
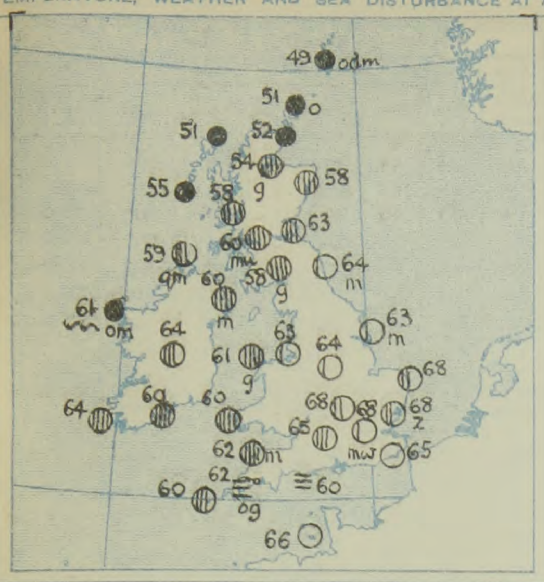
‡ The barometric change is expressed in half-millibars.

22nd AUGUST at 1h. G.M.T.

THE MORNING OF Thursday, 22ND AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

The weather was very warm in England, the maximum reaching 84° at Nottingham, and 82° at Liverpool. Most of the minima were above 60°. Rain again fell in Scotland and Ireland, 14 mm. at Stornoway, 7 at Deerness, and 5 mm. at Blacksod Point. Coastal fog was not uncommon in the west. There was little sunshine on our western coasts and in Scotland, but plenty elsewhere, 13 hours at Jersey, 12⅞ at Yarmouth, and 11 at Liverpool.

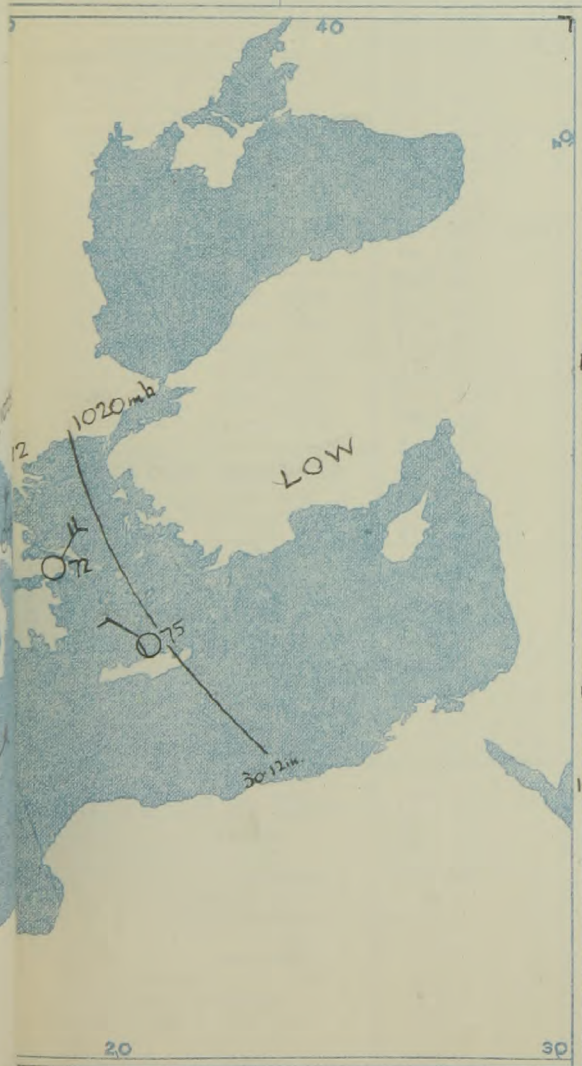
The Conditions at 7h. Today

The Atlantic depression is now off the north-west coast of Ireland, and the barometer has fallen to 999.3 mb. at Blacksod Point. A fall is in progress over the whole of the United Kingdom and in the regions near to the North Sea. The wind is from S. or SW. except in north and west Scotland, where it is from E. or NE. It is fresh or strong in Ireland, but light or moderate elsewhere. Fine weather continues over England, except in the west, but rain is falling at Blacksod Point and at several Scottish stations. The temperature is even higher than on recent mornings in south-east England, being 68° at London, Yarmouth and Benson.

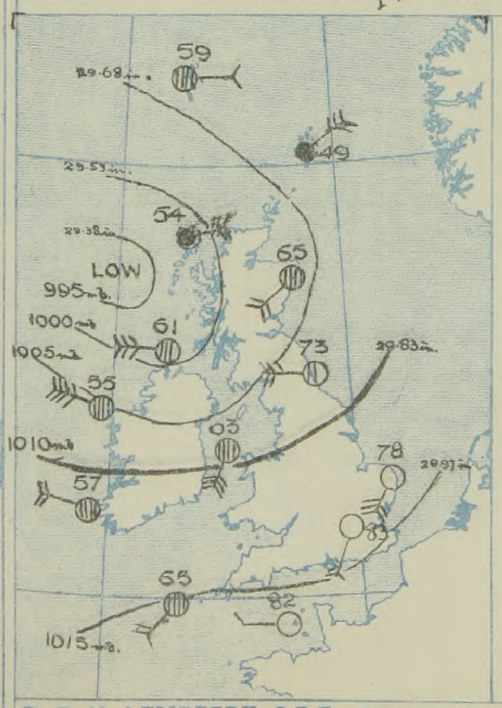
The Outlook

Moderate or fresh SW. winds are probable in England and Ireland, strong at times in the west. In Scotland the wind will veer to S. or SW, but will probably not be very strong. It is doubtful whether the fine weather will break up in east and south-east England, but showery and cooler weather may be expected over the country generally.

W.H.



Thursday. 22nd AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The depression is now approaching the Hebrides and appears to be moving rapidly north-eastward. The weather is still fine over England, but the wind is increasing in strength. In Ireland it will probably veer to NW.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No 234 { Thursday 22nd August

	STATIONS	Evening of 21st: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 22nd: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h. 22nd: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 21st Hours.
BRITISH ISLANDS.	Lerwick ...	1014·0	53	W	5	om	1010·6	−4	49	−4	-	0	-	omd	1	3	56	46	omq	emp	omr	*
	Deerness (Orkney)	1014·5	55	W	3	o	1007·0	*	51	−4	ENE	4	-	or	3	7	60	49	c.bc	bc.c.o	or	3·0
	Stornoway ...	1014·3	55	W	1	op	1004·9	−4	51	−4	ENE	5	-	r	4	14	59	49	c.o	op	or	0·0
	Castlebay (Barra Isd.)	1013·2	56	E	2	o	1002·5	−4	55	−1	NE	2	-	r	2	2	58	53	o.c.o	o	or	0·6
	Glasgow ...	1013·6	57	ENE	2	om	1007·2	−2	60	+7	S	4	-	omu	*	0·1	62	53	c.oz	omdp	om	2·2
	Eskdalemuir ...	1014·4	61	S	1	o	1009·4	−2	58	+2	SSW	5	-	og	*	0·2	63	55	ov.odm	odmbc	o.or.og	1·2
	Malin Head ...	1010·6	57	SE	3	omd	1002·8	−6	59	+4	SSW	4	SW	cmq	3	2	60	55	fe	omd	cmqp	0·2
	Blacksod Point	1010·2	59	S	1	ofd	999·3	−7	61	+4	S	7	-	omr	5	5	60	52	ofe	ofd	om.omr	*
	Valencia (Cahirciveen)	1012·6	63	S	4	o	1007·3	−4	64	+6	S	5	-	o	4	-	66	58	o	o	o	0·7
	Roche's Point	1016·2	64	SW	2	o	1012·0	*	60	+1	SSE	3	-	o	4	0·4	64	59	ome.om	om	o.c.o	*
	Birr Castle ...	1012·3	70	SW	2	c	1008·3	*	64	+2	S	2	S	c	*	-	74	61	c	c	c	5·4
	Donaghadee ...	1012·2	61	SSW	4	fmq	1008·4	−1	60	+5	SW	3	-	om	2	TRACE	67	55	om.ofd	fmg	cgm	*
	Liverpool (Bidston)	1014·7	78	SSW	3	b	1012·8	−1	63	0	SSW	1	SW	b	1	-	82	60	bc	by	b.bc	11·2
	Holyhead ...	1015·1	64	SSW	5	ogg	1012·1	−2	61	+3	SSW	5	-	og	4	-	71	58	f.bfb	b.bc.o	bc.og	6·4
	Pembroke (St Ann's)	1017·5	63	S	3	b	1015·3	0	60	+2	S	3	-	o	2	TRACE	66	56	of.c.b	b	bc.c.b	8·2
	Hartland Quay	1018·5	68	SW	4	b	1016·0	−1	62	0	SW	4	-	om	2	-	78	62	b	by.b	bm	*
	Scilly (St. Mary's)	1019·2	64	WSW	3	o	1016·5	−1	60	−1	SW	3	SW	c	3	0·1	69	59	fe.b	b.bc.c	c.bwc	6·3
	Falmouth ...	1018·8	70	SW	4	bz	1017·0	+1	62	+3	SW	3	-	omg	*	-	70	58	ofe.g	bcg.bg	bc.c.om	7·3
	Jersey (St. Aubin)	1020·5	80	ESE	2	b	1017·8	*	66	0	W	1	-	b	*	-	82	60	bm.b	b	bw	13·2
	Portland Bill ...	1020·5	64	ENE	2	b	1017·1	−1	60	+2	WSW	1	-	f	2	-	65	57	f	b	bf	*
	Dungeness ...	1021·3	67	WSW	1	b	1017·8	−1	65	+5	SW	2	-	b	2	-	69	59	f	f.b	b	*
	Wick	1014·7	56	-	0	o	1006·3	−5	52	−3	E	4	-	r	4	5	63	50	bc.c	c.omg	omp.r	*
	Nairn	1014·5	57	-	0	og	1005·1	*	54	0	-	0	-	og	1	1	63	52	c	cq	odg	2·4
	Aberdeen ...	1014·9	61	S	1	o	1006·3	−3	58	+1	S	2	-	o	2	1	64	55	bc.c.oy	oy.o	op.om	2·2
	Leith	1013·0	61	ENE	3	c	1006·2	−1	63	+6	SSW	1	SW	c	1	TRACE	64	56	c.o.c.o	o	omdoc	*
	Tynemouth ...	1014·2	61	SE	2	cm	1010·3	−1	64	0	W	2	-	bm	2	-	72	60	cm	cm	bm	*
	Spurn Head ...	1017·7	64	SSE	4	b	1014·6	0	63	0	WSW	3	-	bm	2	-	77	63	bc	bc	b	7·7
	Yarmouth (Gorleston)	1018·5	68	SW	4	b	1016·6	−4	58	−6	SW	3	-	bc	3	0·2	76	63	bc.bq	bm	b.bep	12·5
	Clacton-on-Sea	1020·6	71	S	2	b	1016·9	−1	68	+6	S	2	-	bz	2	-	75	62	ombz	bz.b	b.bmw	8·8
	Nottingham ...	1017·0	80	SW	4	b	1014·4	*	64	+1	SW	2	W	bm	*	-	84	61	o.c.bc	b	b	8·9
	Benson (Oxon.) ...	1019·0	76	S	3	b	1015·7	−2	68	+5	S	1	-	bc	*	-	81	61	b	b	b.bc	*
	Sth Farnborough	1020·3	76	SSW	5	b	1016·7	−2	67	+6	S	3	SW	b	*	-	81	60	o.b	b	b.o.b	9·8
	Salisbury Plain	1019·9	72	SSE	2	b	1016·5	−2	65	+4	SE	1	SW	c	*	-	79	59	o.c.bc.b	bv	bm.cw	*
	London (Kew Obsy.)	1020·2	79	SSW	3	by	1016·4	−2	68	+6	S	1	-	bmw	*	-	81	61	ome.o.b	b.by	b.bmw	9·3
NORTHERN EUROPE.	Spitsbergen ...	1002·0	39	N	3	o	1004·6	+1	37	0	NNW	4	*	o	*	*	39	34				
	Vardö	1000·7	48	-	0	o	1001·4	0	50	0	NE	4	-	bc	2	*	50	39				
	Bodö	998·0	54	SE	1	c	997·5	0	50	−5	S	6	-	r	4	-	55	46				
	Christiansund ...	1007·1	54	W	4	c	1001·0	−1	54	0	W	4	-	c	4	13	57	50				
	Skudesnaes ...	1016·4	57	W	3	c	1009·5	−4	54	−3	SE	5	-	o	3	-	57	54				
	Færder (Christiania fjord)	1011·4	64	W	6	c	1011·9	−1	59	−4	W	3	-	o	3	-	66	59				
	The Skaw (Skagen)	1012·6	61	WSW	5	c	1013·6	−1	55	−6	SSW	2	-	o	2	-	64	55				
	Blaavands Huk	1019·9	63	WNW	2	c	1014·3	−4	63	0	SSW	3	-	o	*	-	64	59				
	Copenhagen ...	1017·4	63	NW	4	c	1017·8	−2	61	−3	WSW	2	-	m	*	-	72	55				
	Bornholm ...	1015·5	63	WNW	7	c	1018·3	−1	61	−2	W	3	-	bc	0	-	64	57				
FRANCE, &c.	The Helder ...	1021·8	63	SSW	2	o	1016·4	−3	68	−5	SSW	4	-	b	2	TRACE	68	55				
	C. Gris Nez ...	1020·2	73	SW	1	b	1017·6	+2	72	+11	SSW	3	*	b	2	-	75	61				
	La Hève	1022·2	86	-	0	m	1019·5	*	77	+9	WSW	2	*	b	1	-	93	66				
	Brest (St. Mathieu)	1021·2	72	SSE	3	b	1017·6	−1	63	+5	ESE	1	*	bc	1	-	73	59				
	Rochefort (Ile d'Aix)	1019·9	77	NNW	2	bc	1018·3	+1	70	+2	SE	2	*	bc	*	-	97	66				
	Biarritz	1018·0	77	ENE	2	b	1017·2	0	75	+3	W	2	*	b	1	-	91	72				
	Paris	1022·7	79	ESE	1	b	1021·0	0	70	+9	SE	1	-	b	*	-	88	59				
	Belfort	1022·8	79	E	1	b	1025·6	*	68	+7	W	2	*	m	*	-	86	59				
	Lyons	1021·5	86	-	0	b	1024·2	*	72	+6	SE	1	*	b	*	-	93	66				
	Nice	1018·2	75	-	0	b	1025·2	+1	81	0	-	0	*	b	0	-	88	68				
	Perpignan ...	1012·2	77	E	2	b	1023·8	0	70	0	E	2	-	m	*	-	84	63				
	Sanguinaire ...						1024·3	*	75	−2	S	1	*	b		-	91	70				
IBERIA, &c.	Corunna	1019·8	64	W	2	o	1019·1	+2	63	+4	-	0	-	o	1	-	72	61				
	Madrid														*							
	Lisbon	1014·4	84	W	3	b	1017·5	+5	68	?	SSW	2	-	?	2	-	99	84				
	Azores (Horta) ...	1020·2	*	SW	5	c	1018·0	0	72	+2	SSW	6	*	r	3	2	77	72				
	,, (P. Delgada)	1020·0	*	WSW	4	b	1020·7	+1	70	+2	W	2	*	c	3	1	75	66				
	Madeira	1017·9	75	NE	3	b	1019·6	0	66	0	NE	3	-	bc	3	-	77	66				
	Gibraltar							*					*									
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1023·6	−2	75	−2	ENE	3	-	b	4	-	79	73				
	Salonica	1022·5	72	SE	3	b	1022·4	+2	72	+2	N	3	-	b	*	-	86	63				
	Athens	1023·5	68	N	1	b	1023·5	+1	72	?	NE	3	-	b	2	-	81	64				
	Candia	1019·8	73	NW	2	b	1020·0	?	75	?	NW	1	-	b	2	-	81	73				
	Limassol	*	*	*	*	*																
	Alexandria ...																					
	Cairo (Helwan) ...														*							
	Jerusalem ...														*							
	Ramleh																					

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

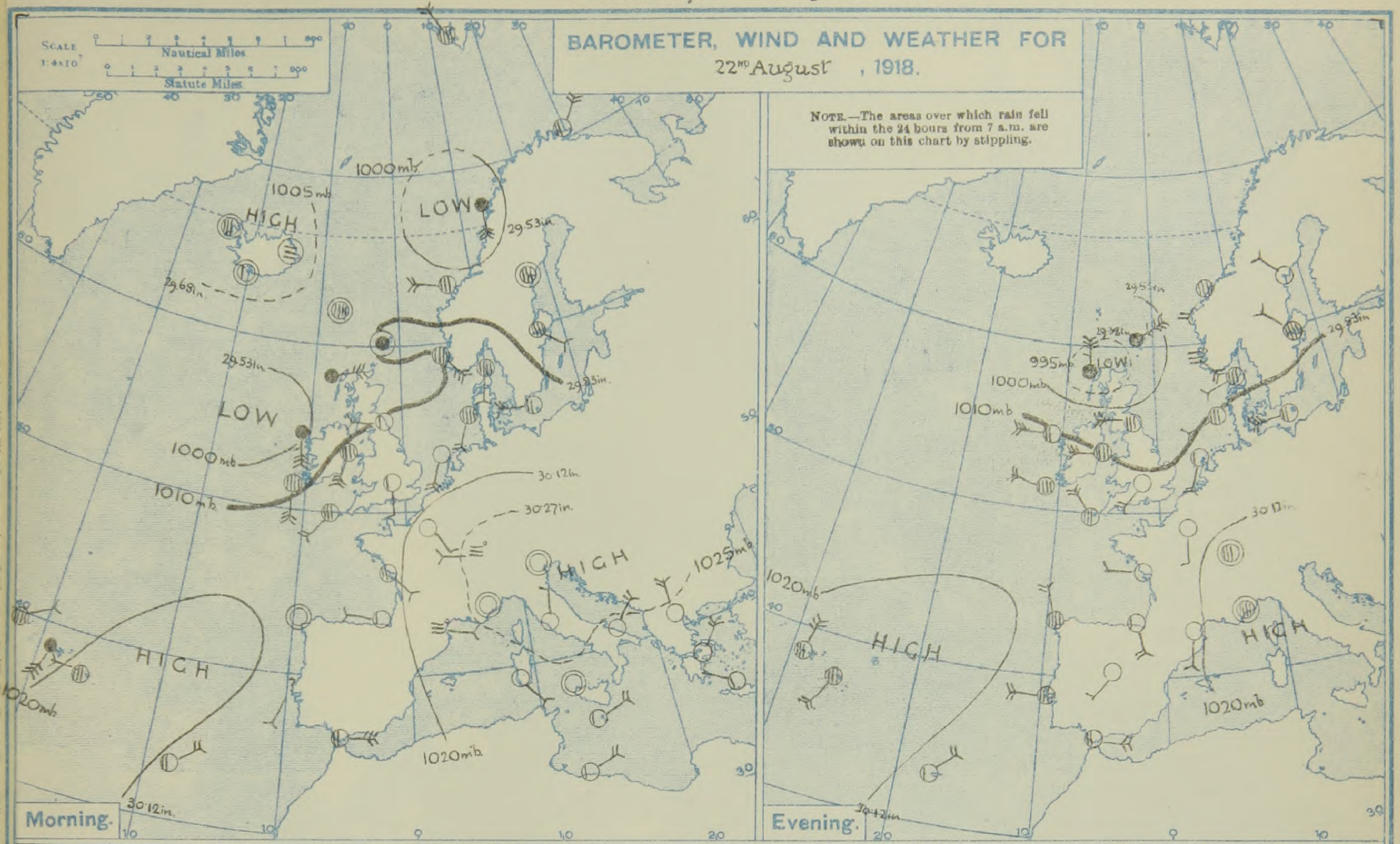
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,728 — Friday, 23rd August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 22nd August

	STATIONS.	Evening of 21st: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 22nd: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1008·8	59	–	0	b		*						*	*	*
	Stockholm ...	1004·2	61	N	2	o		*						*	*	*
	Wisby	1006·6	63	NNW	4	b		*						*	*	*
ITALY.	Venice	1026·5	77	–	0	b	1027·3	*	75	+3	–	0	b	–	82	68
	Turin	1027·1	75	–	0	bc	1027·8	*	72	+4	–	0	o	8	85	68
	Pesaro						1027·3	*	77	+2	–	0	b	–	84	59
	Leghorn ...	1026·2	77	–	0	b	?	*	75	–4	?	?	b	–	82	71
	Rome	1024·1	75	SW	1	b	1026·2	*	70	–7	N	1	b	–	90	64
	Viesti	1025·5	77	NW	2	b	?	*	77	+4	?	?	b	–	79	68
	Brindisi	1023·5	75	NNW	?	b	1023·4	*	75	+2	NE	3	b	–	75	73
	Cagliari						1023·8	*	68	+2	SE	2	b	–	90	66
	Palermo						1024·7	*	72	–1	–	0	b	–	86	63
	Tripoli						1026·5	*	77	0	ENE	3	b	–	77	73

Morning of 22nd

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1005·4	45	–1	–	0	c
Reykjavik	1005·6	46	0	E	2	o
Vestmanna	1006·0	48	+2	–	0	b
Seydisfjord	1007·0	43	+2	–	0	f
Thorshavn	1008·4	50	–3	–	0	o

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

August 23rd to 24th 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·50	11·56	7·2
	4·51	11·55	7·0
Greenwich	5·0	12·3	7·6
	5·1	12·2	7·3
Wick	4·53	12·15	7·37
	4·55	12·14	7·34
Valencia	5·40	12·44	7·49
	5·41	12·43	7·46

LONDON — August 23rd 9h. G.M.T.

	Humidity 15 h. 22nd %	Humidity 9 h. 23rd %	Sunshine for 22nd Hours.	24 Hours ended 9 h. 23rd: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	43	64	12·8	90	57	49	–	b	b	b
CITY (Bunhill Row)	*	*	12·2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	50	72	12·5	88	59	54	–	*	*	*
" (Roof near Charing Cross)	41	59	12·6	88	59	*	–	b3	b	*
CAMDEN SQ. (British Rainfall)	42	60	10·3	90	57	52	–	b	b	*
KENSINGTON PALACE	42	57	12·5	91	57	52	–	b	b	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during .. 22nd

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1890	37·1	67

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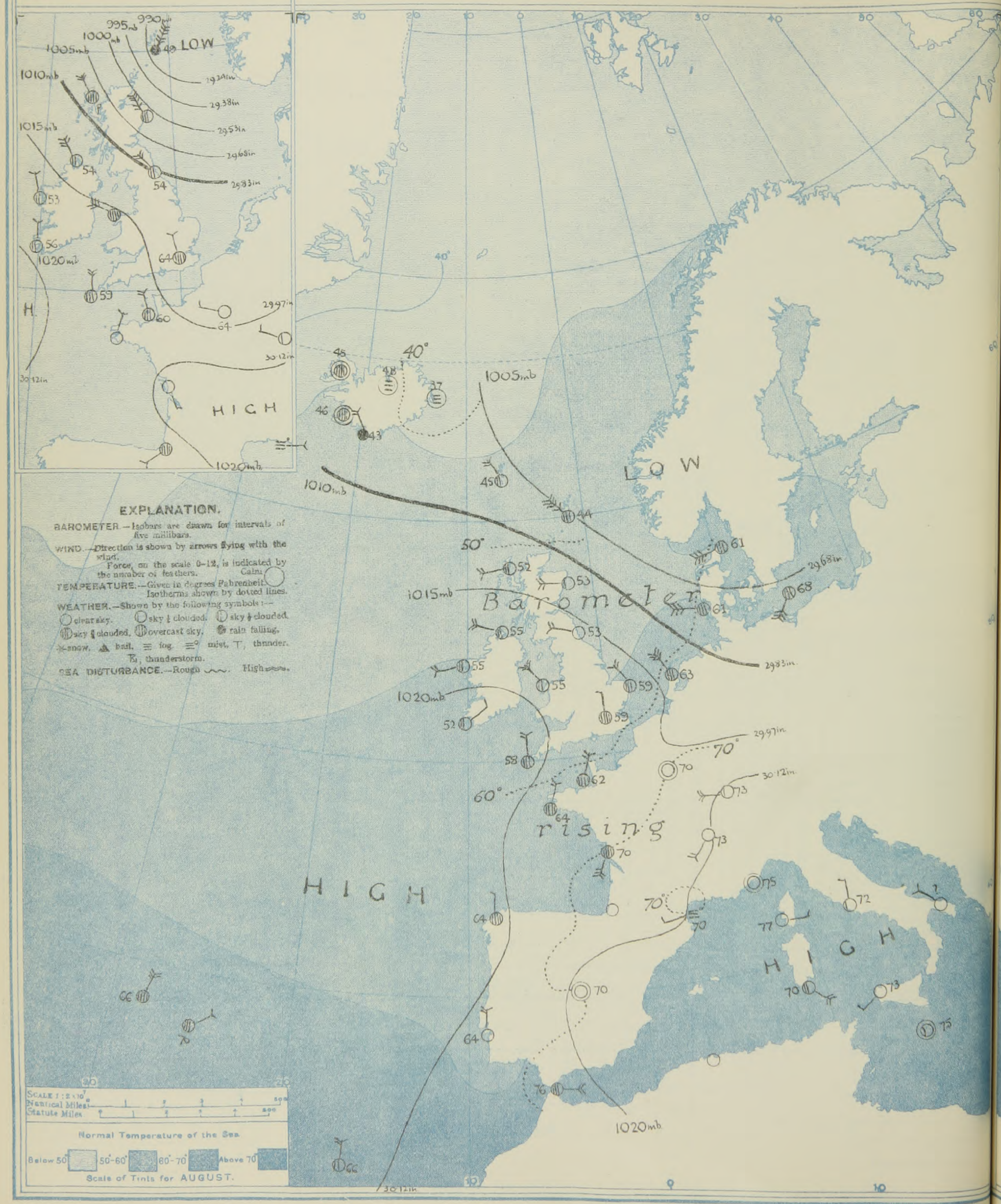
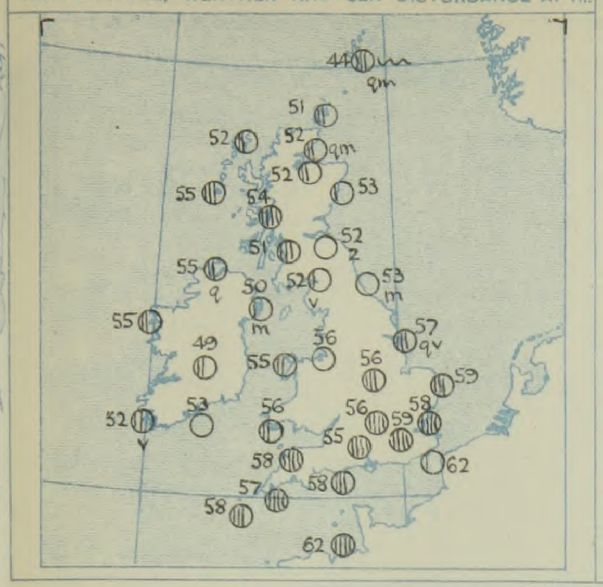
‡ The barometric change is expressed in half-millibars.

23RD AUGUST at 1h. G.M.T.

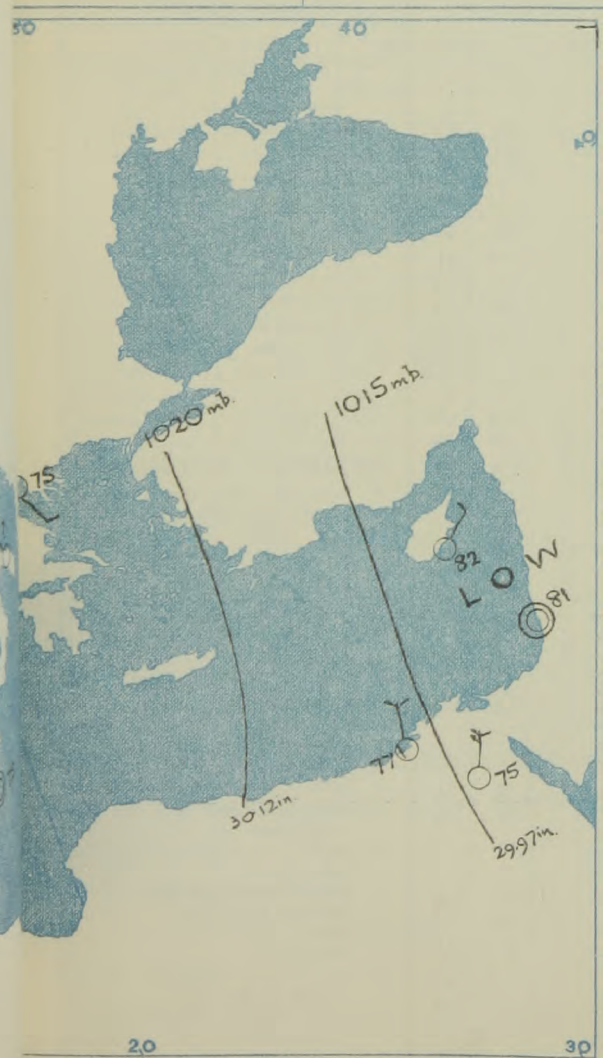
THE MORNING OF Friday, 23RD AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Some very high temperatures were recorded; 89° at Yarmouth, 86° at Farnborough, and 85° at London, Benson and Jersey. Under the influence of a Northerly breeze, however, the temperature fell below 60° during the night at all the home stations. In the Hebrides, Orkneys and Shetlands heavy rain fell - 41 mm. at Stornoway, 28 mm. at Lerwick and 22 mm. at Deerness. There was little or no rain in England, and also in Ireland and Scotland, except on the north and west coasts. Sunshine records were very good in England, exceeding twelve hours at London, Clacton and Farnborough.

The Conditions at 7h. Today

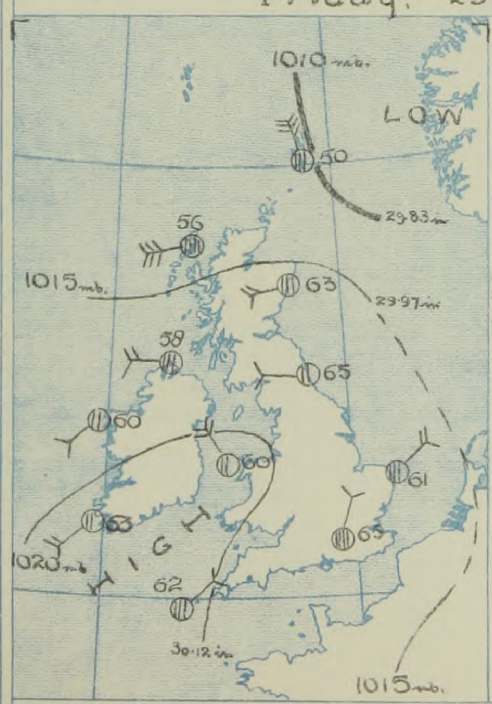
The depression that was off north-west Ireland yesterday is over Scandinavia. Pressure is highest on our south west coasts. The barometer is rising rapidly over Northern Scotland and in the Shetlands, and rather briskly over the rest of the British Isles. The wind has veered to NNE. in the region of the English Channel, and is NW. or W. further north. The violent gale that was blowing in the early morning between Aberdeen and the Shetlands has subsided except at Lerwick, and over the Kingdom as a whole the wind is light or moderate. Moderate temperatures prevail. The weather is fair to cloudy, with unusual visibility at Eskdale and Spurn Head.

The Outlook

Light or moderate breezes from between W. and N. may be expected in all districts, with fair or fine weather generally, but some passing showers today in northern Scotland. The weather will be cooler for a time, but will become hot again tomorrow in the south.

H. H.

Friday, 23rd AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The rise of the barometer has ceased in the west and south of the United Kingdom, and the wind has backed to SW. in the west of Ireland, which seems to indicate that there is a new disturbance approaching from the Atlantic. Fair weather is likely to continue for the present, but may be replaced by less settled conditions before long.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 235 { Friday 23rd August

	STATIONS	Evening of 22nd: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 23rd: Barometer Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb °F.	Change in 24 hours °F.	Wind Direc.	Wind Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 hours ended 7 h. 23rd: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 22nd Hours.
BRITISH ISLANDS.	Lerwick ...	996·6	50	NE	8	omqr	1005·8	+11	44	−5	NW	8	–	omq	5	28	50	43	omr	omr	omqr	*
	Deerness (Orkney)	992·2	56	SE	4	om	1008·1	*	51	0	WNW	6	NW	bc	5	22	56	45	or	rf.mo	or.qf.bc	0·0
	Stornoway ...	991·3	52	N	7	orq	1013·1	+4	52	+1	WSW	3	–	bc	2	41	57	48	or	orq	qf.bc	0·0
	Castlebay (Barra Isd.)	1002·4	53	WNW	5	o	1016·3	+2	55	0	W	4	W	c	4	15	59	50	r.	r.o	o.bc	0·0
	Glasgow ...	1003·8	56	WSW	6	og	1016·9	+6	51	−9	WSW	3	W	c	*	0·4	67	48	om.c.oq	oqu	qf.b.bc	1·0
	Eskdalemuir ...	1003·7	57	WSW	7	of	1018·1	+7	52	−6	W	2	–	bv	*	1	60	45	og.o	orm.o.c	of.cq.b	0·2
	Malin Head ...	1005·9	55	W	8	cfq	1016·8	+2	56	−4	WNW	4	W	bcq	4	1	63	52	cq	cqf	bcq	0·8
	Blacksod Point	1012·2	57	W	5	bcf	1018·4	+1	55	−6	WSW	3	–	bc	3	3	62	51	omf	cf	bc	*
	Valencia (Cahirciveen)	1016·4	58	WNW	4	o	1021·4	+2	52	−8	NE	1	W	bcw	3	3	64	49	or.of	o	c.bw	0·0
	Roche's Point	1014·8	57	WNW	4	o	1021·1	*	53	−7	NW	2	–	b	2	1	64	50	of.do	o	o.c.o	*
	Birr Castle ...	1014·1	56	SW	2	c	1021·0	*	49	−15	S	1	S	bc	*	1	68	44	bc.c.of	o.cf	c.bc	3·0
	Donaghadee ...	1007·1	59	W	5	bcfq	1017·7	+5	50	−10	W	3	–	bm	3	0·4	68	48	om.omq	omqf	bcq.bm	*
	Liverpool (Bidston)	1009·9	59	W	5	o	1018·8	+4	56	−7	WNW	3	NW	b	3	–	74	54	bc.b	og	c.bc	7·0
	Holyhead ...	1010·8	58	W	5	og	1019·4	+3	55	−6	NW	4	NW	bc	3	1	65	53	of.c.og	o.c.of.o	c.o.c.bc	0·6
	Pembroke (St. Ann's)	1013·6	60	WNW	2	o	1020·5	+2	56	−4	NW	2	NW	bc	2	0·1	64	52	o.c.o	o.ofd	oo.c.bc	2·1
	Hartland Quay	1014·2	63	SSW	5	o	1019·9	+3	58	−4	NNE	4	–	o	4	–	66	58	om.b.bc	o.b.o	o.ofo	*
	Scilly (St. Mary's)	1015·0	62	NW	4	c	1020·5	+2	58	−2	N	3	N	c	4	–	67	57	c.o	o.c	c	1·5
	Falmouth ...	1014·9	66	WSW	2	odm	1019·9	+3	57	−5	N	3	W	o	*	–	71	57	qrac.bc	bcq.c.o	e.o	4·5
	Jersey (St. Aubin)	1014·0	74	NW	3	b	1017·4	*	62	−4	NNE	3	–	o	3	–	85	61	b	b	b.o	12·7
	Portland Bill ...	1013·2	60	WSW	3	b	1017·7	+2	58	−2	NE	3	–	c	3	–	62	56	f	fb	c.bc	*
	Dungeness ...	1012·4	70	SW	1	b	1017·0	+4	62	−3	NNE	3	N	b	3	–	74	58	b	b	b.bc	*
	Wick	991·6	57	SSE	1	c	1010·5	+8	52	0	NW	5	NW	bcmq	2	12	59	48	omr	omr.f.c	oqr.bc	*
	Nairn	991·4	63	W	3	cq	1012·9	*	52	−2	W	1	–	bc	1	4	64	48	r.o	r.dc	qu	0·8
	Aberdeen ...	995·6	64	SSW	5	c	1013·1	+5	53	−5	W	4	NW	b	2	–	68	49	ocq.o	ocq	c.bc.bq	3·2
	Leith	1002·1	61	SW	4	bc	1015·3	+4	52	−11	SW	1	–	b3	1	–	70	49	c.o.bcq	cq.c.up	bc.bqc	*
	Tynemouth ...	1004·7	68	W	4	cq	1016·4	+5	53	−11	WNW	3	–	bm	3	–	72	50	bcq	cmq	bcqm	*
	Spurn Head ...	1008·4	76	SW	3	c	1016·7	+5	57	−6	NNW	5	–	cqv	4	–	83	51	bm	bc	cq	7·5
	Yarmouth (Gorleston)	1009·8	80	SW	4	b	1016·6	+5	59	+1	NNW	3	–	c	3	–	89	57	bc.bm	bm	bmc	11·2
	Clacton-on-Sea	1010·8	76	SSW	3	bc	1017·7	+6	58	−10	NW	3	W	o	1	–	80	55	bc.b3	b3.bc	bc.c.o	12·7
	Nottingham ...	1009·6	76	W	3	b	1018·3	*	56	−8	NW	2	W	c	*	TRACE	84	55	b	b.bcf	bc.cof	9·9
	Benson (Oxon.) ...	1011·2	77	SW	1	b	1018·6	+4	56	−12	N	2	–	o	*	–	85	53	b	b	bc.o	*
	Sth Farnborough	1011·9	78	SSW	4	by	1018·3	+4	57	−10	N	3	W	o	*	–	86	55	by	by	b.o	12·7
	Salisbury Plain	1012·5	71	W	3	b	1019·0	+3	55	−10	NW	1	NW	o	*	–	81	50	bc.b	b	bc.od.c	*
	London (Kew Obsy.)	1011·3	81	SW	3	bvy	1018·5	+4	59	−9	N	1	–	o	*	–	85	57	bmw.b	b.bv	bv.b.bcm	12·5
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö															*						
	Bodö																					
	Christiansund ...																					
	Skudesnaes ...																					
	Færder (X'iania Fjord)																					
	The Scaw (Skagen)	1006·7	63	WSW	2	c	998·2	−3	61	+6	WSW	6	W	c	6	–	64	55				
	Blaavands Huk	1010·8	63	SW	2	bc	1008·7	+5	61	−2	WNW	6	–	c	*	–	66	59				
	Copenhagen ...	1011·1	72	W	2	b	1005·1	+2	68	+7	W	4	–	b	*	–	77	61				
	Bornholm ...	1011·0	66	WSW	5	m	1005·4	−3	68	+7	SW	6	–	c	1	–	70	59				
FRANCE, &c.	The Helder ...	1011·6	81	SSW	3	b	1014·4	+5	63	−5	NW	5	SW	c	3	–	81	63				
	C. Gris Nez ...	1013·5	75	SW	2	b	1017·5	+3	63	−9	NE	3	*	b	2	–	82	61				
	La Hève	1014·6	90	–	0	b	1017·0	*	63	−14	NE	2	*	c		–	84	64				
	Brest (St. Mathieu)	1015·5	63	NNW	4	m	1019·0	+2	61	−2	NNE	3	*	o		–	79	59				
	Rochefort (Ile d'Aix)	1014·4	82	W	1	b	1015·2	+1	70	0	SSW	5	*	o	*	–	97	68				
	Biarritz	1013·1	91	SSE	3	b							*									
	Paris	1014·0	84	S	1	b	1016·8	+2	70	0	–	0	–	b	*	–	93	63				
	Belfort	1021·4	81	–	0	c	1020·4	*	73	+5	W	4	*	b	*	–	93	68				
	Lyons						1019·2	*	73	+1	SW	3	*	b	*	–	93	70				
	Nice	1023·2	77	–	0	b	1022·0	0	76	−6	–	0	*	b		–	90	75				
	Perpignan ...	1019·0	81	S	2	b	1020·0	+1	70	0	WSW	1	–	m	*	–	84	64				
	Sanguinaire ...	1022·8	82	NW	2	b	1019·9	*	77	+2	E	1	*	b		–	93	70				
IBERIA, &c.	Corunna	1018·0	66	NNW	3	o	1020·8	+2	64	+1	–	0	–	o	1	–	73	63				
	Madrid	1014·7	88	SW	1	b	1020·2	+1	70	?	–	0	–	b	*	–	90	66				
	Lisbon	1017·2	75	W	4	o	1019·4	+2	64	−4	N	3	–	b	2	–	84	63				
	Azores (Horta) ...	1020·2	*	SW	5	c	1024·7	+1	66	−6	NNE	5	*	o	2	6	72	66				
	,, (P. Delgada)	1020·3	*	SW	4	c	1023·0	+2	70	0	NNE	2	*	c	2	–	75	70				
	Madeira	1019·2	77	NE	3	b	1021·6	0	66	0	N	3	–	bc	3	–	77	66				
	Gibraltar	1019·3	75	E	4	bc	1019·3	*	76	?	E	4	*	c	3	–	79	74				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1022·4	+2	75	0	–	0	–	b	0	–	79	73				
	Salonica	1021·1	76	S	1	b	1022·6	+3	75	+3	SSE	1	–	b	*	–	91	66				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1013·1	+1	82	+1	NE	1	–	b	0	–	88	63				
	Alexandria ...	1014·7	77	NE	2	b	1016·0	+1	77	+5	NNE	2	NE	b	1	–	86	75				
	Cairo (Helwan) ...	1012·7	79	NE	3	b	1013·8	+1	76	−6	NE	3	–	o	*	–	93	66				
	Jerusalem ...	?	66	NW	4	b	?	?	70	−11	–	0	–	b	*	–	79	59				
	Ramleh	1011·6	77	NNW	2	b	1013·4	+1	81	+13	–	0	–	b	*	–	86	66				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

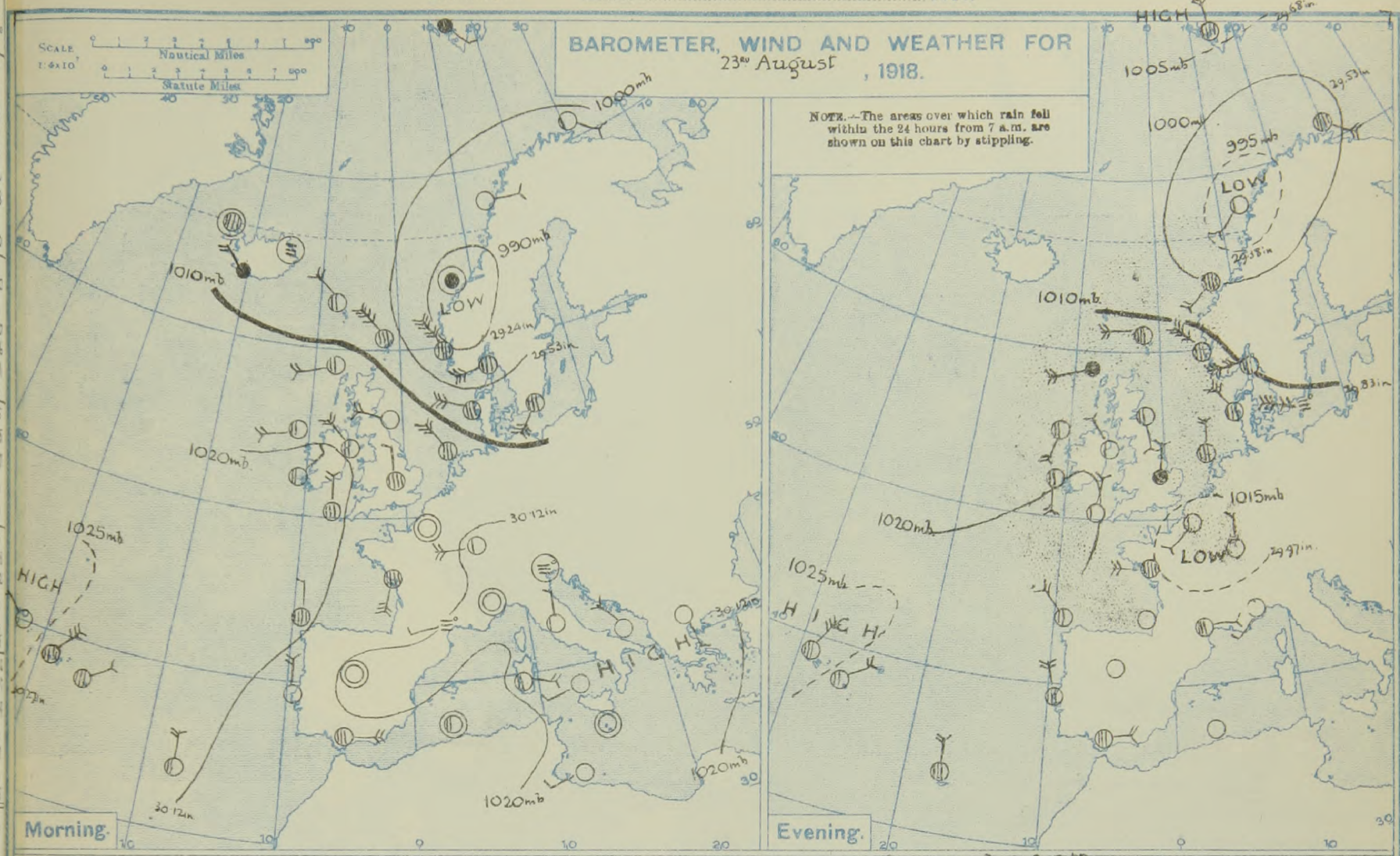
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,729. Saturday, 24th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF August 23rd

	STATIONS.	Evening of 22nd: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 23rd: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1005·5	57	–	0	c		*						*	*	*
	Stockholm ...	1007·4	61	SE	2	0		*						*	*	*
	Wisby	1008·7	63	SSE	2	c		*						*	*	*
ITALY.	Venice						1022·2	*	77	+2	–	0	m	–	84	72
	Turin	1022·1	77	–	0	bc	1022·6	*	73	+1	–	0	b	–	84	70
	Pesaro	?	73	–	0	b	1022·7	*	77	0	–	0	b	–	84	61
	Leghorn ...	1022·1	79	–	0	b	1022·5	*	75	0	–	0	b	–	88	68
	Rome	1024·6	77	–	0	b	1023·5	*	72	+2	N	1	b	–	88	63
	Viesti						1022·9	*	79	+2	NW	1	b	–	81	68
	Brindisi	1023·8	84	NW	3	tlr	1020·3	*	71	–4	NW	2	b	–	85	71
	Cagliari	1022·2	85	SE	4	b	1021·1	*	70	+2	SE	4	bc	–	90	68
	Palermo	1023·8	75	–	0	b	1022·9	*	73	+1	WSW	1	b	2	?	?
	Tripoli						1021·7	*	75	–2	WSW	1	b	6	87	68

Morning of 23rd

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...	1007·0	46	+1	–	0	0
Reykjavik	1086·8	46	0	–	0	0
Vestmanna	1006·7	43	–5	NW	3	r
Seydisfjord	1007·4	37	–6	–	0	f
Thorshavn	1007·7	45	–5	NW	3	bc

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

August 24th & 25th 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·51 4·53	11·55 11·55	7·0 6·58
Greenwich	5·1 5·3	12·2 12·2	7·3 7·1
Wick	4·55 4·57	12·14 12·14	7·34 7·31
Valencia	5·41 5·43	12·43 12·43	7·46 7·44

LONDON August 24th 9h. G.M.T.	Humidity 15 h. 23rd	Humidity 9 h. 24th	Sunshine for 23rd	24 Hours ended 9 h. 24th: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	63	3·5	70	52	50	1·3	c	c	cp
CITY (Bunhill Row)	*	*	3·3	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	69	73	3·2	69	56	53	1·0	*	*	*
" (Roof near Charing Cross)	56	57	3·1	69	57	*	0·4	bc	c.od	*
CAMDEN SQ. (British Rainfall)	58	64	3·4	72	54	53	1·4	bc	bc.c	*
KENSINGTON PALACE	61	66	2·5	68	54	50	2·1	0	0.or	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 23rd

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1100	21·7	62

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‡ The barometric change is expressed in half-millibars.

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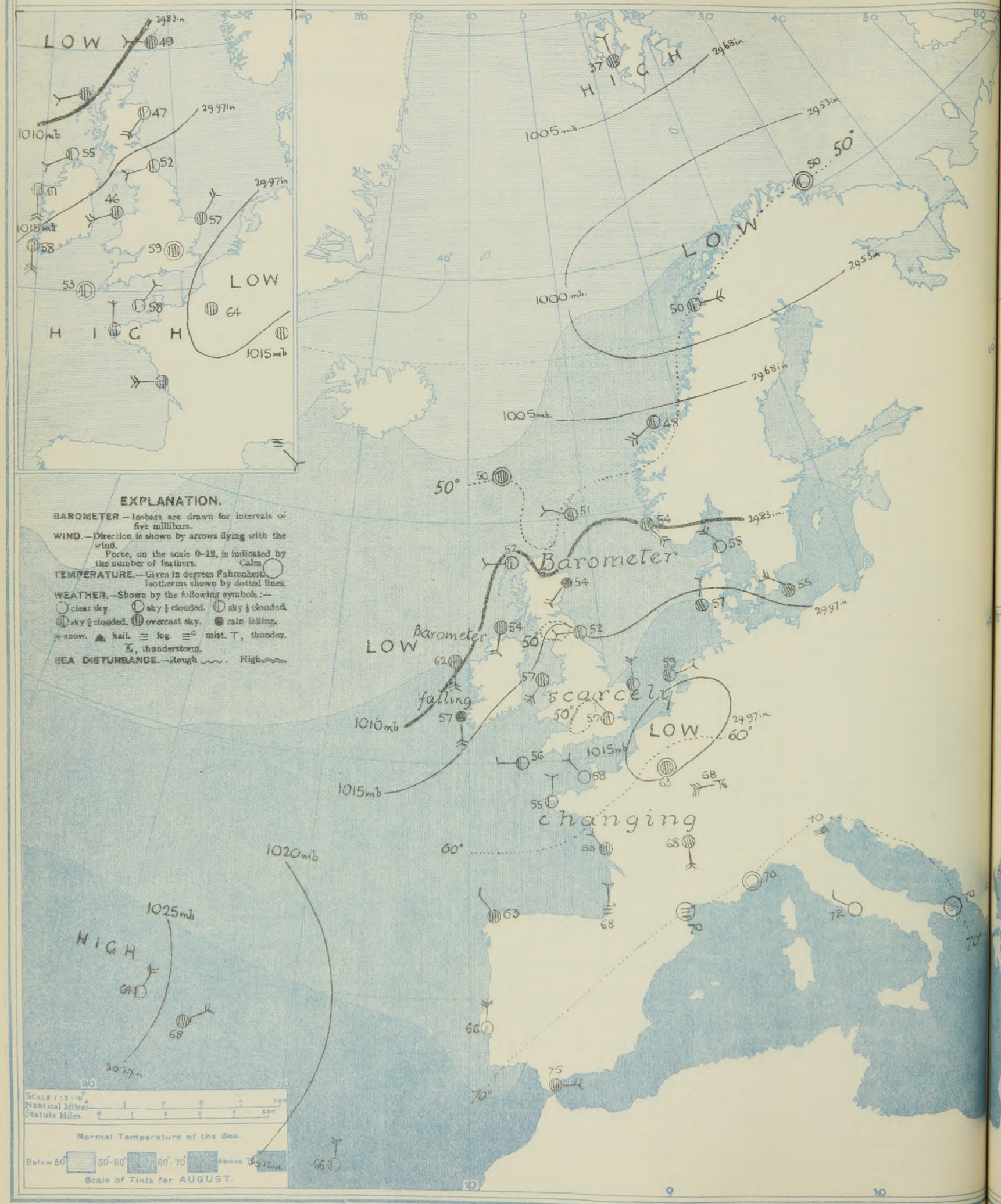
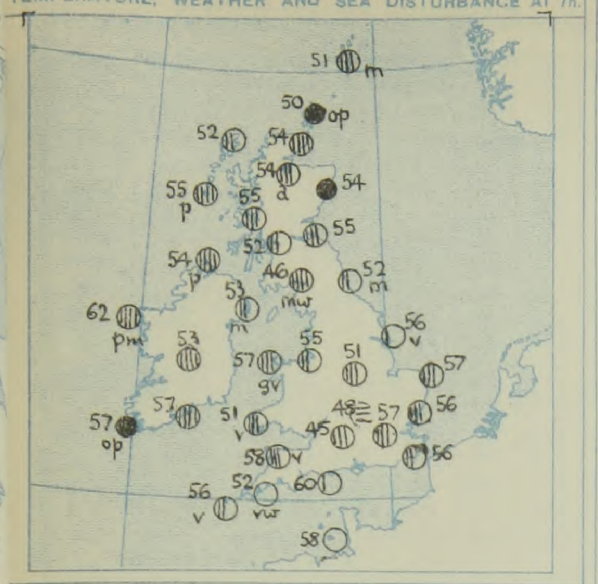
24th AUGUST at 1h. G.M.T.

THE MORNING OF Saturday, 24th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hrs. ended at 7h.

The temperature nowhere reached 70° yesterday. There was fairly heavy rain in the Orkneys and Hebrides, 10 mm at Deerness and Stornoway, and 5 mm at Castlebay. About 1 mm fell at several stations in S & SE England. Good sunshine records were obtained in the north and west, 12 hours at Holyhead and 10 at Valencia, Birr Castle and Liverpool.

The Conditions at 7h. Today.

There is a rather deep depression over Northern Scandinavia, a shallow one over Belgium and Holland, while a new disturbance is approaching from the Atlantic

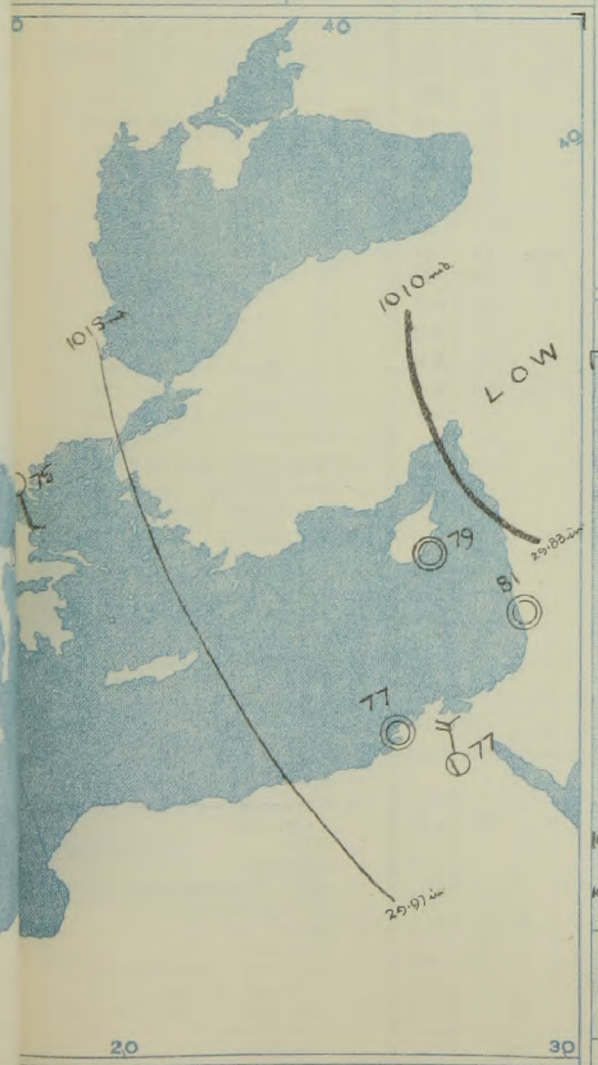
The wind is moderate or fresh from the south in Ireland, and is light from between W & N over England and Scotland.

The weather is fair or fine in England, but there is much cloud, with passing showers, in Scotland and Ireland. The atmosphere is very clear on our western coasts.

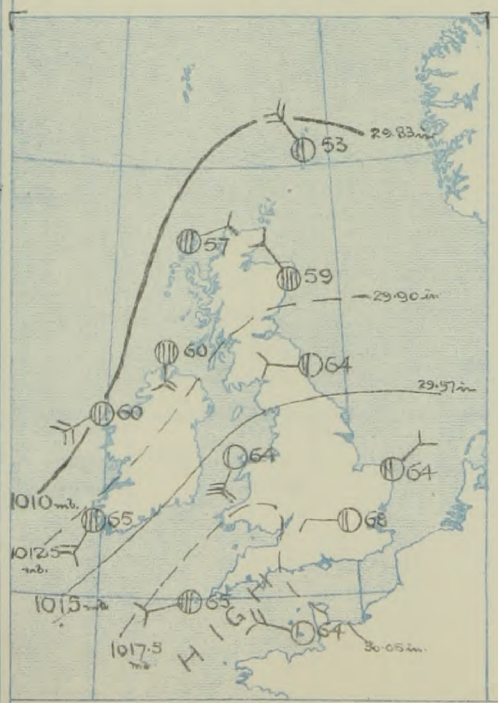
The temperature is mostly below 60°, and is down to 45° at Salisbury Plain and to 46° at Eskdalemuir.

The Outlook.

The wind will shift to SW in all districts before long, but will be very light in England. Showers are possible; except in the south and east of England. Temperature will differ little from the normal.



Saturday, 24th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



There is practically no change since this morning. The depression out in the Atlantic has become stationary, and there seems to be less chance of showery weather in the west of England.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 236 { Saturday 24TH August

	STATIONS.	Evening of 23RD: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 24TH: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Direc. of Upper Cloud.	Weather.	Sea 0–9	24 hours ended 7 h: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning	Weather Afternoon	Weather Night	Sunshine for Hours.
BRITISH ISLANDS.	Lerwick ...	1012·1	50	W	4	c	1009·7	−1	51	+7	WNW	2	W	cm	2	2	52	45	cq	c	om	*
	Deerness (Orkney)	1012·8	54	SSW	3	r	1009·1	*	50	−1	WSW	3	SW	ofp	2	10	58	49	bc	bc.c.or	r.ofp	7·2
	Stornoway ...	1012·4	53	WSW	4	or	1010·2	+2	52	0	W	2	–	bc	2	10	59	48	bc.ofq	or	o.bcp	4·3
	Castlebay (Barra Isd.)	1014·0	56	WSW	4	o	1011·1	−1	55	0	W	3	–	ofp	3	5	58	54	c.ofp	ofp.c.o	ofp	2·3
	Glasgow ...	1017·2	57	SW	3	cg	1013·7	−1	52	+1	SSW	2	W	bcm	*	–	60	51	c.oe	e	c.o.c.bc	4·0
	Eskdalemuir ...	1017·7	57	SW	3	cwg	1015·1	−1	46	−6	SSW	1	–	omw	*	–	60	38	bw.cgw	bcwg.bcg	cw.bwo	8·0
	Malin Head ...	1016·5	59	WNW	3	bc	1012·1	−1	54	−1	SSW	3	–	ofp	2	0·2	61	52	bc	bc	bcp	7·5
	Blacksod Point	1016·3	60	SSW	3	bc	1010·0	−2	62	+7	S	5	–	omp	4	2	62	54	bc	bc	og.omp	*
	Valencia (Cahirciveen)	1018·9	61	S	3	bc	1012·6	−3	57	+5	S	4	–	ofp	4	3	64	51	c.bc	bc	c.o.ofp	9·8
	Roche's Point	1020·0	60	SW	2	bc	1015·9	*	57	+4	SSW	3	–	o	4	0·2	63	50	b.bc.c	c.bc	bc.bo	*
	Birr Castle ...	1018·1	61	S	1	c	1014·4	*	53	+4	S	1	–	o	*	TRACE	67	48	bc	bc.c	o.c	10·3
	Donaghadee ...	1016·9	60	WSW	2	bcw	1013·9	0	53	+4	SW	2	SW	bcm	1	0·3	65	50	bm	bcw	cmp.bc	*
	Liverpool (Bidston)	1018·8	60	NW	1	b	1015·8	−2	55	−1	SSW	1	–	bc	1	–	63	52	b.c	bc	bcm	10·0
	Holyhead ...	1019·2	61	NW	2	b	1015·5	−1	57	+2	SW	4	–	cwg	2	–	63	52	bc	bc.b	b.bcc	12·1
	Pembroke (St. Ann's)	1019·7	59	NW	2	bco	1017·6	0	51	−5	–	0	–	cwf	0	TRACE	63	50	bc.cw	bcw	bcwf	9·6
	Hartland Quay	1019·1	60	NNW	3	b	1017·4	−1	58	0	SW	1	W	cw	3	r	61	56	o	o.c.bc	bc.o.bc	*
	Scilly (St. Mary's)	1020·2	61	NNE	2	bw	1018·9	0	56	−2	W	1	W	bcw	3	–	64	52	cw	bw.cw	bw.bcw	7·5
	Falmouth ...	1019·4	61	N	3	bw	1018·4	0	52	−5	WNW	1	–	bcw	*	–	65	47	o.c	cg.c.bc	c.bc.bo	4·0
	Jersey (St. Aubin)	1017·2	63	NE	3	o	1016·8	*	58	−4	NW	2	–	b	2	0·2	66	58	o	og	og.d.gb	0·2
	Portland Bill ...	1017·9	61	N	3	c	1016·7	−1	60	+2	WNW	2	–	b	2	–	64	52	c	c	bc	*
	Dungeness ...	1016·6	62	NE	4	c	1014·8	0	56	−6	N	3	N	bc	3	3	68	54	bc	c	cp.cr.c	*
	Wick	1013·4	56	W	2	omp	1009·3	0	54	+2	WNW	2	W	o	2	3	62	49	bcq.og	omp	omp.r	*
	Nairn	1014·0	56	W	2	cg	1010·0	*	54	+2	WSW	1	–	dc	1	0·3	63	50	bcq	cq	cpr	4·5
	Aberdeen ...	1014·9	62	WSW	1	c	1011·5	−1	54	+1	SW	3	–	r	2	0·2	65	51	bc.cgq	c.bc.cg	bc.bor	8·0
	Leith	1015·9	61	SW	1	b	1013·0	−1	55	+3	WSW	1	W	c	1	–	62	51	bg.bc.c	o	c.bc.bc	*
	Tynemouth ...	1017·8	58	SSE	2	bcm	1014·8	0	52	−1	W	2	–	bcm	2	–	66	48	bm	bcm	bcm	*
	Spurn Head ...	1019·4	58	SE	3	cw	1016·6	0	56	−1	SW	2	–	bw	2	–	62	53	bcw	bcw	bw	5·1
	Yarmouth (Gorleston)	1018·4	59	NE	3	or	1015·8	0	57	−2	N	3	–	cm	3	2	65	56	c.bc	bc.ofp	or.cm	1·4
	Clacton-on-Sea	1018·3	61	ENE	2	o	1015·7	0	56	−2	NNW	2	SW	c	1	1	67	55	o.c.bc	bc.c.o	og.dc	4·5
	Nottingham ...	1018·4	62	SSE	2	c	1016·3	*	51	−5	WSW	1	SW	cm	*	–	69	47	o.c	c	c.b	4·2
	Benson (Oxon.) ...	1018·3	57	NE	1	r	1016·5	−1	48	−8	–	0	–	s	*	1	60	44	or	r	bcm	*
	Sth Farnborough	1018·3	59	N	2	or	1016·7	0	53	−4	NNW	2	SW	cw	*	1	66	50	og	or	or.gcw	2·1
	Salisbury Plain	1018·6	56	N	2	o	1017·4	−1	45	−10	W	1	SW	c	*	–	60	40	o.od	ofd	o.c.bcm	*
	London (Kew Obsy.)	1018·0	61	N	2	op	1016·4	0	57	−2	NW	1	W	c	*	1	66	55	oc.o	op.op	op.roc	2·8
NORTHERN EUROPE.	Spitsbergen ...	1007·4	37	N	4	o	1008·3	+1	37	0	N	2	*	o	*	*	41	34				
	Vardö	997·6	50	SE	4	o	997·9	+1	50	−4	–	0	–	b	2	*	54	45				
	Bodö	992·7	52	SW	2	b	997·0	+1	50	0	E	4	–	bc	2	–	55	46				
	Christiansund ...	1001·8	52	SW	3	o	1007·2	+1	48	−4	SW	5	–	c	4	12	54	46				
	Skudesnaes ...	1012·8	52	NW	8	c	1010·0	−3	54	+2	SE	4	–	o	4	TRACE	55	46				
	Færder (X'iania Fjord)	1004·6	61	W	6	b	1010·7	+3	55	−4	W	3	–	b	3	–	63	55				
	The Scaw (Skagen)	1009·5	57	WSW	9	c	1011·5	+1	55	−6	NW	4	–	b	4	–	61	52				
	Blaavands Huk	1018·2	59	NW	5	c	1017·4	+1	57	−4	NNE	1	SW	c	*	–	63	54				
	Copenhagen ...	1012·7	59	NW	3	c	1014·7	+1	55	−13	WNW	2	–	o	*	–	68	54				
	Bornholm ...	1010·4	61	WNW	9	m	1014·6	+2	55	−13	NW	3	–	o	1	–	68	54				
FRANCE, &c.	The Helder ...	1018·4	61	N	3	c	1015·2	0	59	−4	ENE	2	–	c	1	–	64	59				
	C. Gris Nez ...	1017·2	61	NE	2	b	1014·6	0	61	−2	NE	3	*	c	2	TRACE	68	59				
	La Hève	1015·8	61	NE	3	o	1016·7	*	57	−6	N	3	*	c		2	70	57				
	Brest (St. Mathieu)	1018·8	61	N	3	o	1019·4	+1	55	−6	N	2	*	b		–	66	55				
	Rochefort (Ile d'Aix)	1016·7	68	W	4	o	1017·1	+2	66	−4	NW	2	*	o	*	–	72	64				
	Biarritz						1017·6	0	58	?	N	2	*	m		4	77	66				
	Paris	1012·4	81	SW	2	b	1015·0	0	63	−7	–	0	–	o	*	TRACE	90	61				
	Belfort	1013·6	81	N	1	b	1017·0	*	68	−5	W	6	*	bbr	*	1	91	61				
	Lyons	1014·7	84	S	5	b	1016·7	*	68	−5	–	0	*	o	*	–	91	64				
	Nice	1020·0	70	SW	1	b	1018·6	0	70	−5	–	0	*	b		–	90	61				
	Perpignan ...	1016·8	75	E	2	c	1017·0	+1	70	0	–	0	–	m	*	–	90	64				
	Sanguinaire ...	1018·4	77	NW	3	m		*					*									
IBERIA, &c.	Corunna	1020·0	64	NW	3	bc	1020·3	+2	63	−1	NW	1	–	o		Trace	68	61				
	Madrid														*							
	Lisbon	1016·7	75	NNW	4	c	1017·4	+1	66	+2	N	4	–	b	2	–	81	64				
	Azores (Horta) ...	1025·6	*	NNE	5	c	1026·3	0	64	−2	N	4	*	b	2	–	72	63				
	,, (P. Delgada)	1023·6	*	NE	3	bc	1024·3	+1	68	−2	NE	3	*	o	2	–	75	68				
	Madeira	1019·9	73	N	3	c	1020·4	0	66	0	N	3	–	b	3	–	73	66				
	Gibraltar	1017·9	74	E	3	c	1016·6	*	75	−1	E	3	*	o	1	–	82	72				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*									*							
	Salonica	1019·2	79	SE	2	b	1018·8	+1	75	0	SSW	1	–	b	*	–	94	66				
	Athens																					
	Candia																					
	Limassol	*	*	*	*	*	1011·5	0	79	−3	–	0	–	b	0	–	90	61				
	Alexandria ...	1015·2	75	NE	2	b	1013·5	+1	77	0	–	0	–	b	0	–	84	72				
	Cairo (Helwan) ...	1011·6	79	N	4	b	1011·6	+1	77	+1	NNE	3		b	*	–	93	68				
	Jerusalem ...	?	75	NNW	3	b	?	?	75	+5	ENE	1		b	*	–	86	66				
	Ramleh	1010·6	81	NNW	1	b			81	0	–	0		b	–	–	88	66				

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

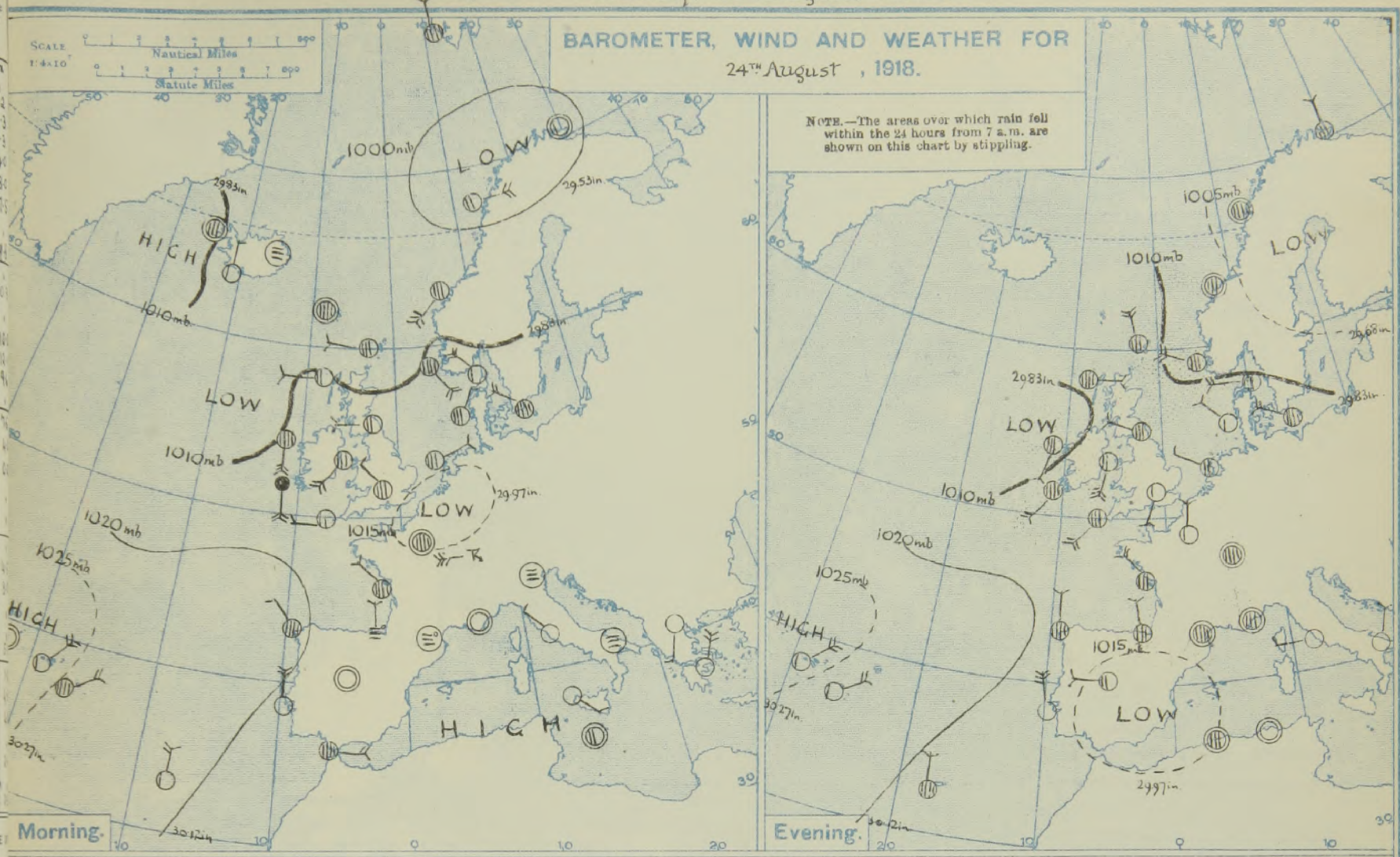
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,730 — Sunday, 25th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 24TH AUGUST

STATIONS.	Evening of 23rd: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 24th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA: Archangel ...														*	
Petrograd ...															
Moscow														*	
SWEDEN: Hernösand ...							*						*	*	*
Stockholm ...							*						*	*	*
Wisby							*						*	*	*
ITALY: Venice	1019.0	77	–	0	b	1017.1	*	70	–7	?	?	?	?	?	?
Turin	1017.7	75	–	0	b	1017.4	*	72	–1	–	0	b	–	86	72
Pesaro						1017.5	*	79	+2	–	0	b	–	82	63
Leghorn ...						1019.7	*	73	–2	ESE	1	b	–	79	66
Rome	1020.7	77	SW	1	0	1019.5	*	72	0	NW	1	b	–	88	63
Viesti						1018.1	*	77	–2	ESE	1	b	–	82	68
Brindisi	1020.3	75	?	?	b	1018.9	*	70	–1	–	0	f	–	81	66
Cagliari						?	*	72	+2	?	?	b	–	89	68
Palermo						1019.3	*	68	–5	SE	1	b	–	86	61
Tripoli							*								

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12	Weather.
Isafjord ...	1010.2	46	0	–	0	c
Reykjavik	1009.8	45	–1	S	1	c
Vestmanna	1009.9	45	+2	N	1	b
Seydisfjord	1009.6	43	+6	–	0	f
Thorshavn	1009.0	50	+5	–	0	0

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

25th and 26th Aug. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.53	11.55	6.58
	4.54	11.55	6.56
Greenwich	5.3	12.2	7.1
	5.4	12.2	7.0
Wick	4.57	12.14	7.31
	4.59	12.14	7.28
Valencia	5.43	12.43	7.44
	5.44	12.43	7.43

LONDON 25th August 9h. G.M.T.	Humidity 15 h. 24th %	Humidity 9 h. 25th %	Sunshine for 24th Hours.	24 Hours ended 9 h. 25th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	48	71	10.5	74	46	35	–	b	b	bc
CITY (Bunhill Row)	*	*	10.6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	48	?	10.4	71	49	45	–	*	*	*
" (Roof near Charing Cross) ..	46	68	10.7	72	54	*	–	bc	c bc	*
CAMDEN SQ. (British Rainfall)	49	73	9.4	75	49	48	–	b	b	*
KENSINGTON PALACE	46	72	11.0	72	48	39	–	bc	bc	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 24th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1670	33.1	73

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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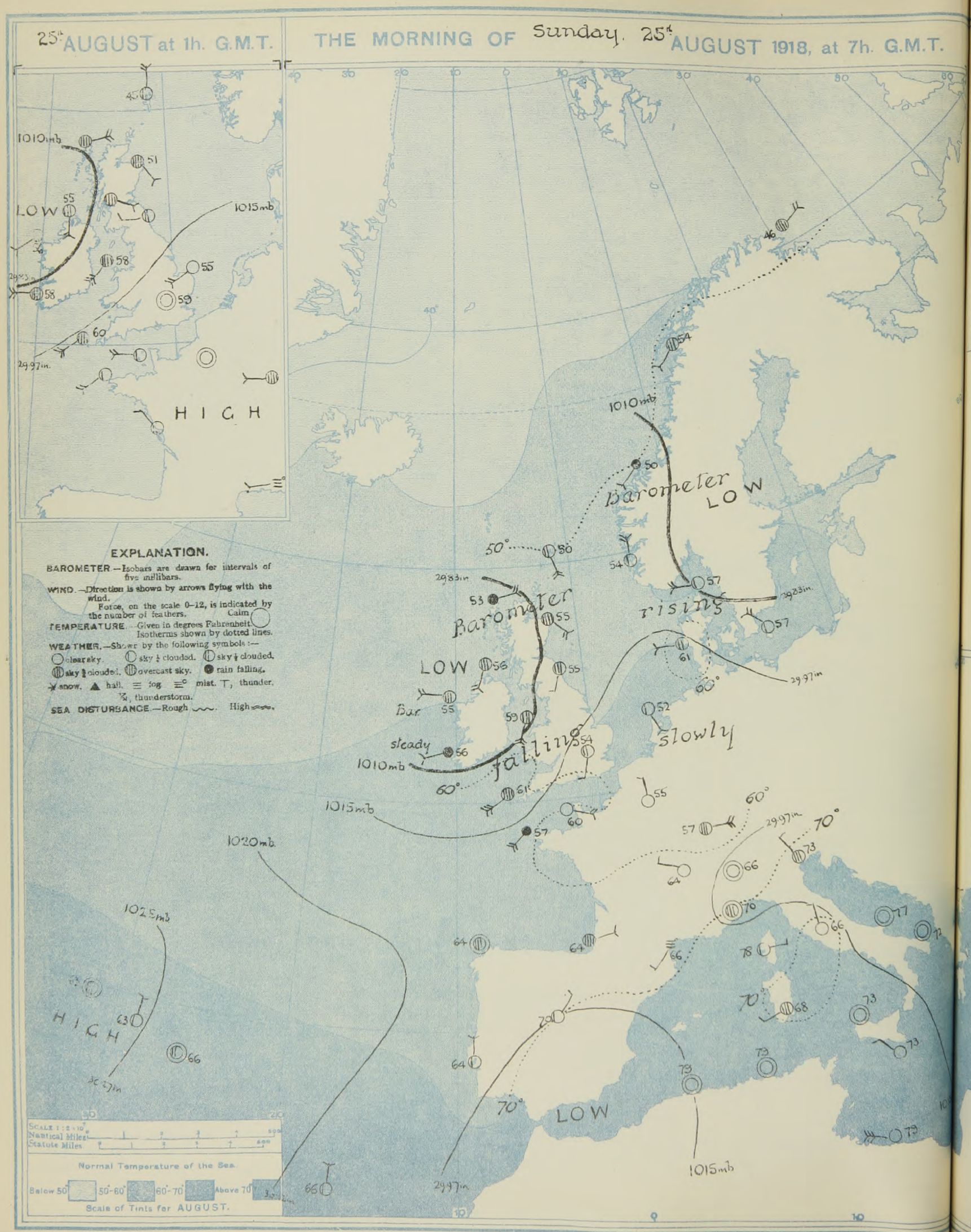
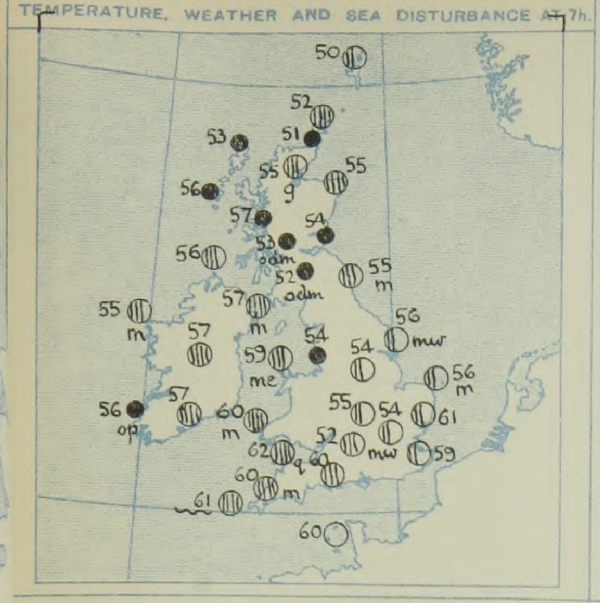

25th AUGUST at 1h. G.M.T.
THE MORNING OF Sunday, 25th AUGUST 1918, at 7h. G.M.T.
LOW
HIGH
1010mb
1015mb
29.97in.
Barometer LOW
Barometer rising
Barometer LOW
Bar steady
falling
slowly
1010mb
1015mb
1020mb
1025mb
HIGH
LOW
EXPLANATION.
BAROMETER.—Isobars are drawn for intervals of five millibars.
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm
TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.
WEATHER.—Shown by the following symbols:—
clear sky. sky ½ clouded. sky ¾ clouded.
sky ⅞ clouded. overcast sky. rain falling.
snow. hail. fog mist. T, thunder.
thunderstorm.
SEA DISTURBANCE.—Rough High
Scale 1:2×10⁷
Nautical Miles
Statute Miles
Normal Temperature of the Sea.
Below 50° 50°-60° 60°-70° Above 70°
Scale of Tints for AUGUST.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

In the Midlands temperature passed a little above 70° in the afternoon, but in the far north the maxima were again below 60°. Many of the night minima were below 50°. Rain fell in the north and west, the only considerable amounts being in Scotland, up to 16 mm. at Stornoway. As a rule the bright sunshine records were good, exceeding 12 hours at Jersey, but a few northern stations had little or none.

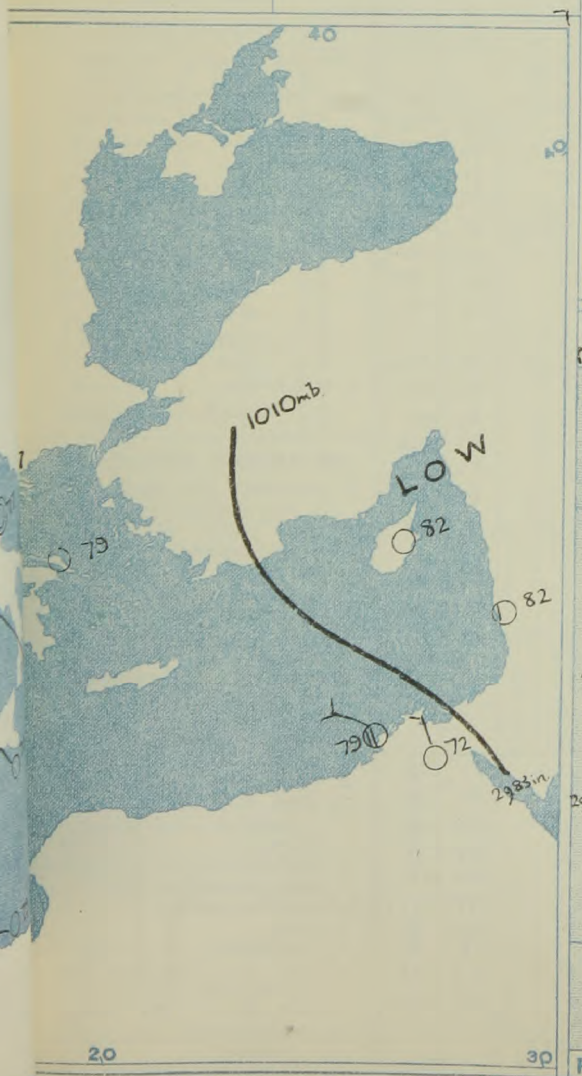
The Conditions at 7h. Today

A rather shallow depression is centred near the north-west coast of Ireland, and appears to be moving slowly eastwards. The barometer has begun to rise in the west of Ireland, but is falling over the greater part of the British Isles. The wind is from SE. or E. in Scotland, and from S. or SW. in England, while in the west of Ireland it has veered to W. In force it is light or moderate generally, but has become fresh at Scilly. Rain is falling at most Scottish stations, and at Valencia and Liverpool. Over the eastern half of England, however, fair weather prevails.

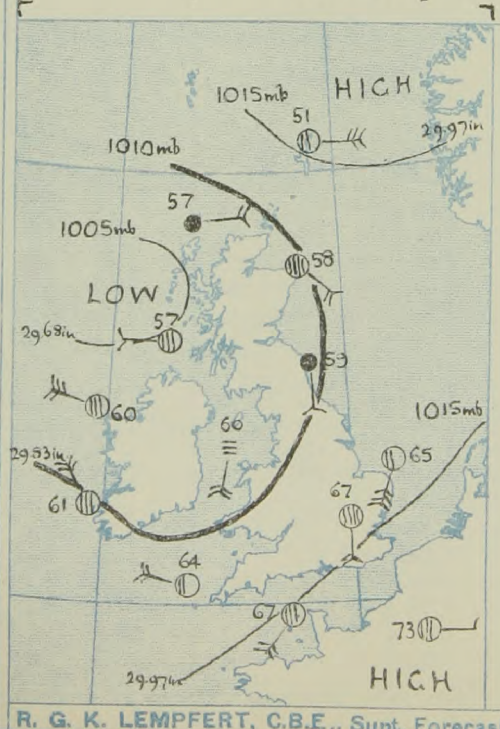
The temperature varies from 50° in the north to 60° in the Channel and over western England and Wales.

During the day the Atlantic depression continued to advance slowly eastward and by 13h. its centre was nearing Malin Head, on the coast of Donegal, and the general situation, therefore, remained of an unsettled type.

N.H.



Sunday: 25th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 237. (SUNDAY, 25TH AUGUST)

	STATIONS	Evening of 24th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0-12.	Weather.	Morning of 25th: Barometer Millibars at M.S.L.	Change in 3 hours ‡	Temp. Dry Bulb °F.	Change in 24 hours °F	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h 25th: Rainfall Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 24th Hours.
BRITISH ISLANDS.	Lerwick ...	1012.5	50	NNW	4	c	1014.5	0	50	-1	SSE	4	NW	bc	2	3	55	44	bc.	c.	bc	*
	Deerness (Orkney)	1011.8	53	WNW	3	b	1012.2	*	52	+2	E	4	-	o	4	1	57	47	ofc.c.bc	bc.b	b.bc.c.o.	8.6
	Stornoway ...	1011.5	54	E	2	o	1008.0	-2	53	+1	ENE	3	-	r	2	16	59	52	bc.c.	c.bc.o.	ofc.or.	6.3
	Castlebay (Barra Isd.)	1009.7	56	E	3	ofc	1006.1	-1	56	+1	NE	2	-	r	3	15	57	54	ofr.	r.ofc.	ofc.r.or.	0.0
	Glasgow ...	1012.3	60	SW	2	og	1008.6	-3	53	+1	ESE	3	-	mod	*	6	62	52	bc.c.og.	o.	og.omr.	3.0
	Eskdalemuir ...						1010.0	-3	52	+6	SSE	3	-	odm	*	10	61	45			bv.or.	3.9
	Malin Head ...	1009.3	57	WSW	2	cfc	1005.7	-2	56	+2	SSW	3	SW	c	3	8	62	53	cg.	cfc.	cfc.	0.7
	Blacksod Point	1008.7	60	SSW	2	cg	1006.5	+1	55	-7	W	3	W	cm	3	4	63	54	cm.	bc.	omfch.	*
	Valencia (Cahirciveen)	1011.5	61	SW	3	o	1009.5	0	56	-1	WSW	2	W	ofc	3	2	66	55	o.c.	o	ofc.	1.7
	Roche's Point	1013.1	54	SSW	4	om	1010.2	*	57	0	WSW	1	-	o	2	2	62	56	d.	d.c.om.	o.c.o.	*
	Birr Castle ...	1010.4	61	S	1	c	1008.1	*	57	+4	S	1	-	o	*	8	66	52	c.om.	o.cfc.	cfc.o.	2.2
	Donaghadee ...	1011.6	60	SSW	4	cgmq	1008.4	0	57	+4	SSW	2	-	om	2	1	67	52	bcm	bcmq	cgmq/c	*
	Liverpool (Bidston)	1014.3	64	-	0	b	1010.8	-3	54	-1	SSE	3	SW	r	2	6	67	53	bc.	bc.b.	or.	9.5
	Holyhead ...	1013.9	61	SSW	5	bcv.	1009.3	-2	59	+2	SSW	4	SW	cem	3	2	64	56	c.bc.b.	b.bc.	bc.ofd	8.8
	Pembroke (St. Ann's)	1015.8	59	S	3	ovw	1010.7	-3	60	+9	S	4	-	om	4	1	63	51	f.bcv.	cv.ov.	cf.ogfc	7.1
	Hartland Quay	1016.8	61	SW	4	c	1012.0	-2	62	+4	SSW	4	SW	og	4	1	63	58	cv.oc.	c.bc.	ordmo	*
	Scilly (St. Mary's)	1017.1	61	SW	4	cv.	1013.0	-1	61	+5	SW	5	SW	o	5	1	67	55	bcv.c.	cv.	o	8.6
	Falmouth ...	1017.8	61	SW	4	cv.	1013.2	-2	60	+8	SSW	3	W	om	*	4	68	51	b.bcy.	bcy.	odor.o.	10.2
	Jersey (St. Aubin)	1018.3	62	WNW	3	b	1017.4	*	60	+2	ESE	3	-	b	2	-	66	48	b	b.	b	12.3
	Portland Bill ...	1016.7	60	W	5	b.	1015.0	-1	60	0	S	5	SW	c	3	-	65	54	bc.b.	b	bc.c.	*
	Dungeness ...	1016.1	62	SW	3	b	1017.1	0	59	+3	SW	2	-	bc	2	-	68	56	c.bc.	bc.b	b.bc.	*
	Wick	1012.4	55	NNW	2	bc	1011.3	-2	51	-3	SE	4	-	r	4	2	59	48	o.bc.	bc	bc.omr.	*
	Nairn	1011.3	59	-	0	cg	1008.8	*	55	+1	-	0	-	cg	1	7	60	52	fr.c.	cg.	fr.c.	0.7
	Aberdeen ...	1012.3	56	-	0	o	1011.1	-2	55	+1	SE	3	SW	o	2	6	62	52	or.c.ofc	or.o.	or.o.	0.1
	Leith	1012.6	62	SW	1	c	1008.4	-2	54	-1	SE	1	-	r	1	15	66	53	cz.bc.c.	o	c.bc.or.	*
	Tynemouth ...	1013.4	55	WNW	2	cm	1011.7	-1	55	+3	SSW	1	-	cm	2	-	69	52	bcm	cm	bcm	*
	Spurn Head ...	1015.5	62	SSE	2	c	1014.2	-1	56	0	S	2	-	bcmw	2	-	67	52	bcv.	bc.	b.bcm	4.6
	Yarmouth (Gorleston)	1015.8	61	S	3	bc	1015.9	0	56	-1	SW	2	-	bcm	2	-	67	55	cm.bc.	bc.	bc.bm	6.4
	Clacton-on-Sea	1016.0	63	SSE	3	bc	1016.5	0	61	+5	SW	2	-	bc	2	-	66	54	c.bc	bc.	bc	8.9
	Nottingham ...	1014.6	67	W	1	b	1014.4	*	54	+3	S	1	SW	bc	*	-	72	47	c.	bc.b.	b	9.0
	Benson (Oxon.) ...	1015.3	66	W	2	b	1015.1	-1	55	+7	SSW	3	-	bc	*	-	71	42	bc	bc	b	*
	Sth Farnborough	1015.9	66	SW	3	bcyz	1016.0	-1	54	+1	SSE	2	SW	bcmw	*	-	72	43	c.m.bcy.	bcyz.	b.bcmr.	9.4
	Salisbury Plain	1016.1	64	W	2	bc	1015.5	-2	52	+7	SE	1	SW	c	*	-	68	43	c.bc.c	c.bc.	bcms.	11.1
	London (Kew Obsy.)	1015.5	69	SSW	2	b	1016.0	0	54	-3	SSW	1	W	bcmw	*	-	71	48	c.bc.	c.b.bz	b.bcmw	11.2
NORTHERN EUROPE.	Spitsbergen ...												*		*	*						
	Vardö	1003.2	45	N	2	c	1007.5	+2	46	-4	ENE	3		o	4	*	50	43				
	Bodö	1001.0	52	-	0	o	1006.3	+1	54	+4	SW	2	-	c	2	-	55	48				
	Christiansund ...	1008.2	52	-	0	c	1011.5	+2	50	+2	SW	2	-	r	2	8	54	48				
	Skudesnaes ...	1008.3	54	WNW	4	c	1013.1	+2	54	0	N	3	-	b	2	4	?	?				
	Færder (X'iania Fjord)	1007.8	59	SW	6	o	1008.6	+3	55	0	NW	5	-	b	3	-	61	54				
	The Scaw (Skagen)	1010.6	57	W	3	c	1009.6	+1	57	+2	W	3	-	b	3	1	63	54				
	Blaavands Huk	1015.6	59	NW	2	b	1016.8	+1	61	+4	W	2	-	bc	*	-	63	55				
	Copenhagen ...	1013.1	59	NW	2	c	1014.2	+1	57	+2	W	3	-	b	*	-	61	54				
	Bornholm ...	1012.4	57	WNW	3	o	1014.3	+2	57	+2	NW	3	-	b	+	-	59	54				
FRANCE, &c.	The Helder ...	1015.6	63	WNW	1	bc	1017.4	0	52	-7	SSE	2	-	b	1	Trace	64	48				
	C. Gris Nez ...	1016.4	63	W	3	b	1017.4	0	59	-2	SSW	2	*	bc	2	-	70	55				
	La Hève	1018.7	61	N	1	b	1019.1	*	63	+6	ENE	1	*	m	0	-	66	54				
	Brest (St. Mathieu)	1019.8	63	SW	3	bc	1017.0	-2	61	+6	S	4	*	c		-	68	54				
	Rochefort (Ile d'Aix)	1018.6	66	NW	3	c							*		*							
	Biarritz	1017.5	70	NNW	2	c	1017.0	-1	64	+6	ENE	2	*	o		2	73	64				
	Paris	1016.6	68	N	2	b	1018.7	0	55	-8	N	1		b	*	-	72	50				
	Belfort	1015.7	63	-	0	o	1019.6	*	57	-11	E	4	*	c	*	8	84	57				
	Lyons	1016.3	63	WSW	2	r	1017.4	*	64	-4	-	0	*	b	*	?	87	58				
	Nice	1016.2	68	-	0	c	1014.4	0	70	0	-	0	*	c		-	82	63				
	Perpignan ...	1015.2	75	-	0	o	1016.3	0	66	-4	SW	1		m	*	10	86	63				
	Sanguinaire ...						1015.9	*	78		E	1	*	b	1	-	91	70				
IBERIA, &c.	Corunna	1019.8	68	N	2	o	1019.2	+1	64	+1	-	0	-	c	1	-	68	61				
	Madrid	1010.7	88	W	2	bc	1015.1	+2	70	0	NE	1	-	b	*	-	90	64				
	Lisbon	1015.1	77	NNW	5	b	1016.2	+1	64	-2	N	2	-	b	2	-	84	63				
	Azores (Horta) ...	1025.5	*	NNE	4	b	1025.1	0	63	-1	N	2	*	b	1	-	72	63				
	,, (P. Delgada)	1023.8	*	NE	3	b	1023.6	0	66	-2	NNE	1	*	bc	1	-	73	66				
	Madeira	1019.0	73	N	2	o	1019.8	0	66	0	N	2	-	b	2	-	75	66				
	Gibraltar							*					*									
	Palma																					
MEDITERRANEAN.	Algiers	1015.0	77	-	0	c	1015.0	0	79		-	0	W	b	1	-	82	72				
	Malta	*	*	*	*	*	1016.6	+1	73	0	NNW	1	-	b	0	-	82	68				
	Salonica	1014.7	79	-	0	b	1014.7	+1	77	+2	NW	1	-	b	*	-	92	67				
	Athens	1014.3	79	ENE	2	b	1012.4	0	79	-2	-	0	-	b	0	-	88	72				
	Candia	1014.7	73	-	0	b	1011.8	+3	?		?	?	-	?	1	-	84	70				
	Limassol	*	*	*	*	*	1007.5	0	82	+3	-	0	-	b	0	-	93	57				
	Alexandria ...	1011.8	77	NW	3	b	1011.1	0	79	+2	NW	2	NW	bc	1	*	86	73				
	Cairo (Helwan) ...	1010.4	82	N	2	b	1010.7	+1	72	-5	N	1	-	b	*	-	93	66				
	Jerusalem ...	*	73	WNW	3	b	*	0	66	-9	WNW	1	-	b	*	-	90	66				
	Ramleh	1009.5	79	NW	1	b	1009.6	+1	82	+1	-	0	-	b	*	-	90	68				

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars.

THE BEAUFORT SCALE OF WIND FORCE.

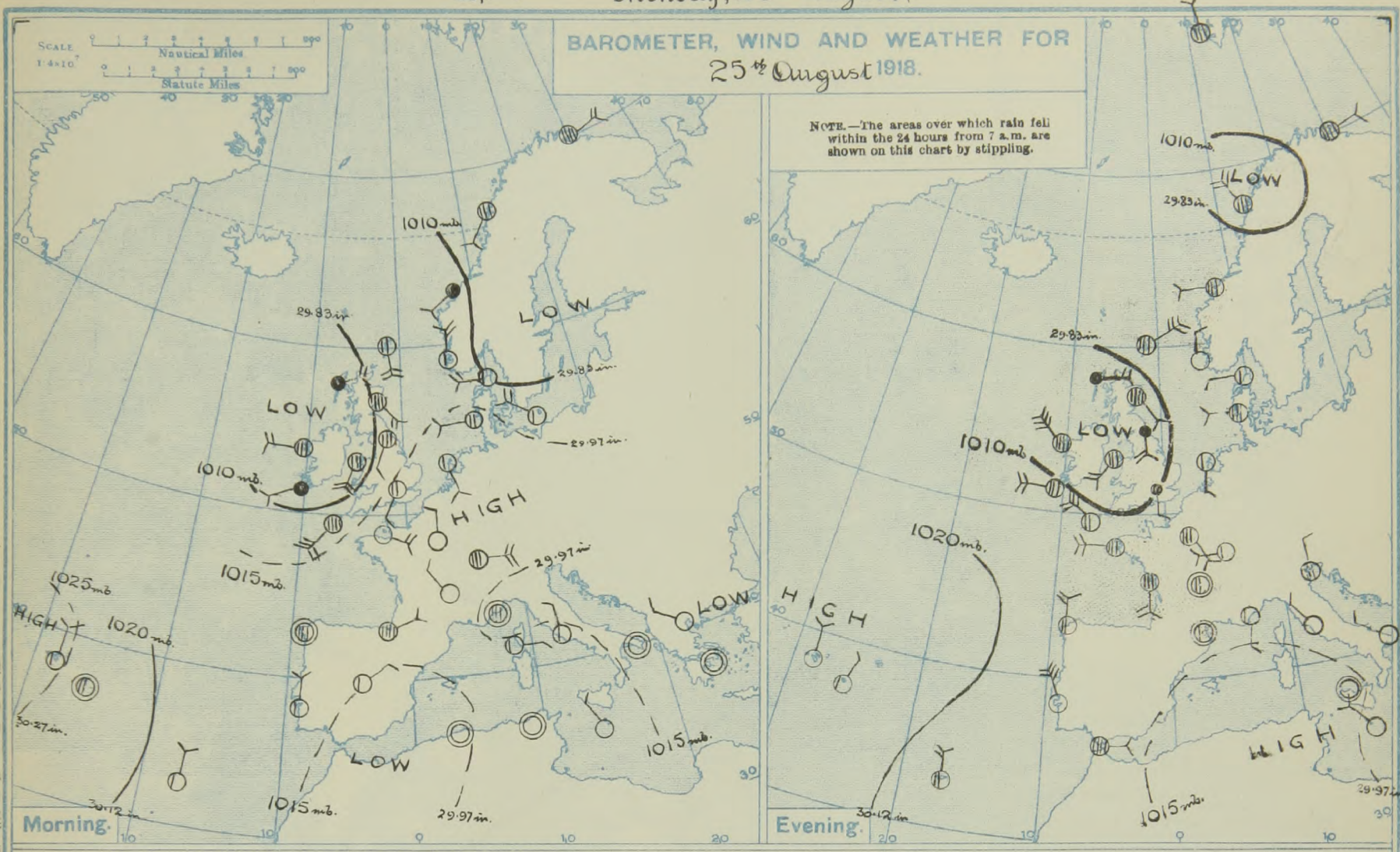
No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,731 Monday, 26th August 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 25TH AUGUST

	STATIONS.	Evening of 24th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 25th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice							*								
	Turin	1013·8	73	-	0	b	1014·9	*	66	-6	-	0	b	-	84	64
	Pesaro							*								
	Leghorn ...	1016·3	?	-	0	0	1015·7	*	75	+2	-	0	b	-	81	73
	Rome	1017·4	75	W	1	b	1016·7	*	66	-6	N	1	b	-	86	61
	Viesti	1016·2	75	SE	1	b	1013·5	*	77	0	-	0	b	-	84	67
	Brindisi	1015·7	77	NNE	2	b	1014·2	*	72	+2	-	0	b	?	?	?
	Cagliari							*								
	Palermo							*								
	Tripoli							*								

ICELAND.	Morning of 25th: Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM.

26th and 27th Aug. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·54 / 4·55	11·55 / 11·54	6·56 / 6·53
Greenwich	5·4 / 5·5	12·2 / 12·1	7·0 / 6·57
Wick	4·59 / 5·1	12·14 / 12·13	7·28 / 7·25
Valencia	5·44 / 5·45	12·43 / 12·42	7·43 / 7·40

LONDON 26th August 9h. G.M.T.	Humidity 15 h. 25th %	Humidity 9 h. 26th %	Sunshine for 25th Hours.	24 Hours ended 9 h. 26th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	61	85	6·1	70	55	48	5	c	o. or.	or.
CITY (Bunhill Row)	*	*	4·4	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	?	?	5·4	68	56	52	3	*	*	*
" (Roof near Charing Cross)	65	79	4·8	70	56	*	3	bc. c.	b. or.	*
CAMDEN SQ. (British Rainfall)	?	79	3·9	72	55	53	4	?	?	*
KENSINGTON PALACE	68	83	5·4	68	55	51	4	o	or.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 25th.

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
1140	22·7	70·5

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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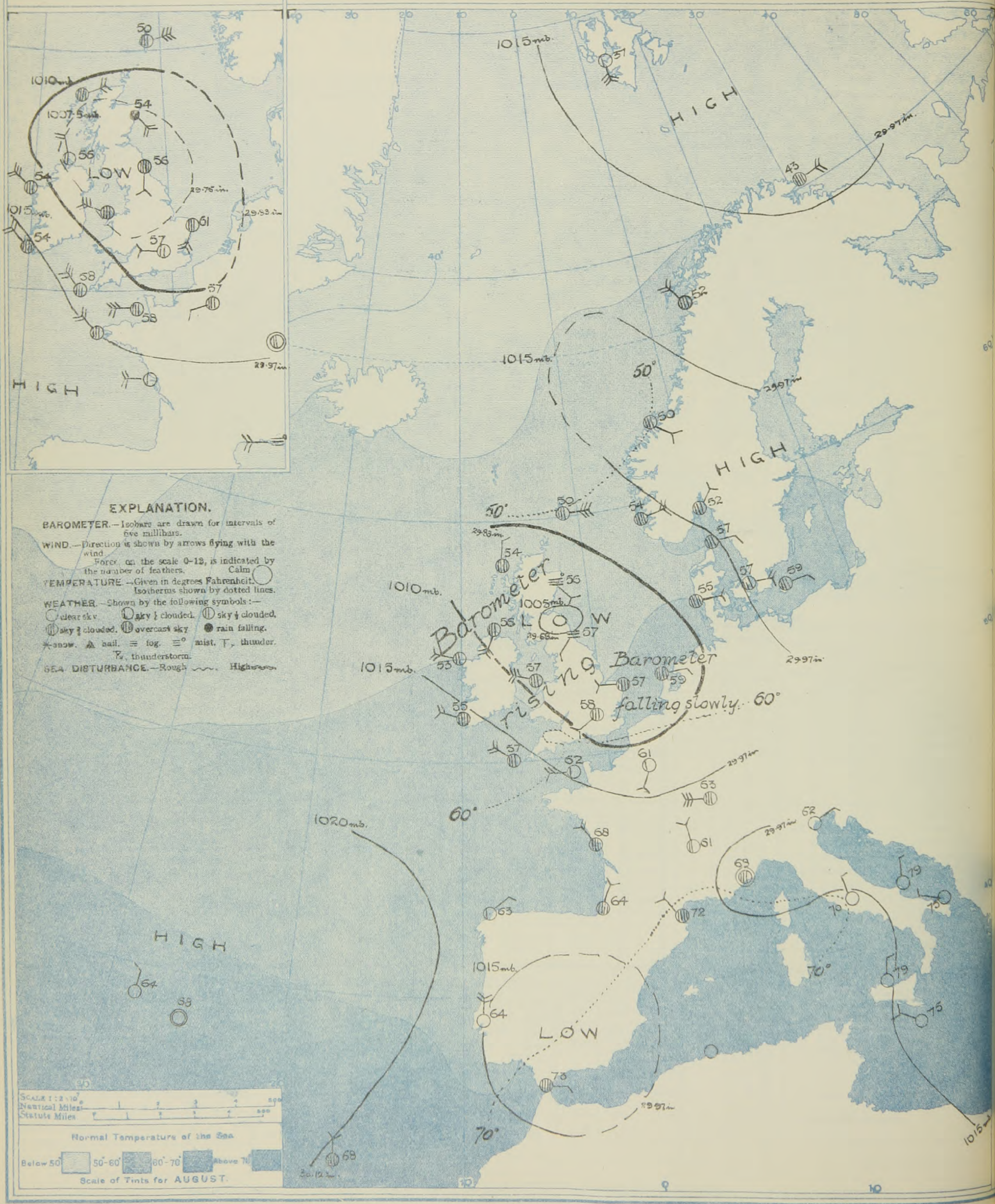
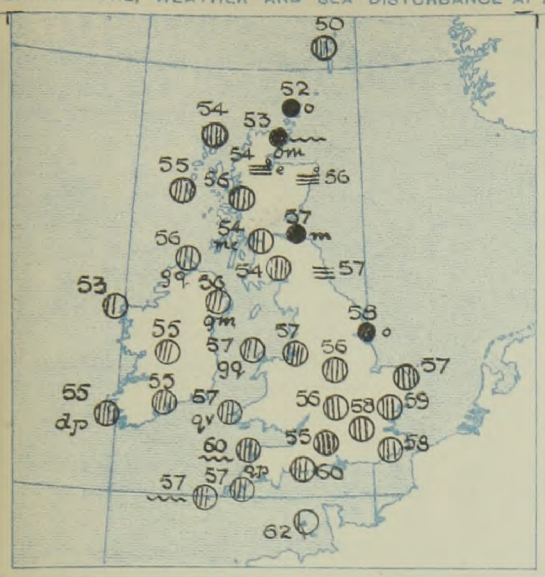
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

26th AUGUST at 1h. G.M.T.

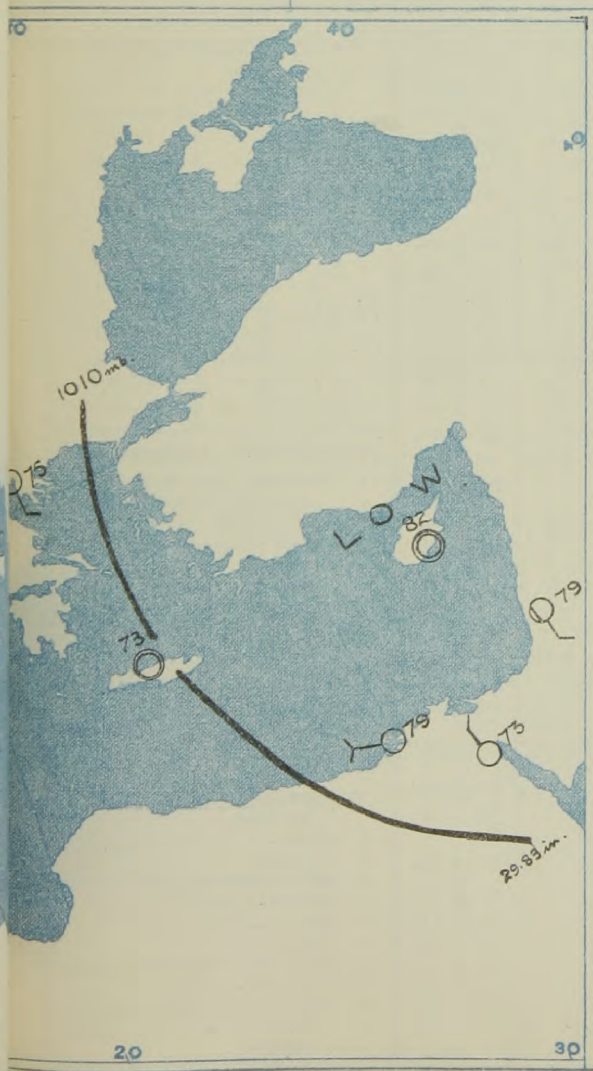
THE MORNING OF MONDAY, 26th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

The afternoon temperature was below the normal nearly everywhere, nowhere reaching 70°, and at several northern stations remained below 60°, as low as 52° at Lerwick and Deerness. A few of the night minima were above 55°. Rain fell generally, mostly light to moderate amounts, but Eskdalemuir measured 15 mm. Thunder was heard at Glasgow and Salisbury Plain. Bright sunshine varied a good deal, from none in places to 8½ hours at Yarmouth.

The Conditions at 7h. Today.

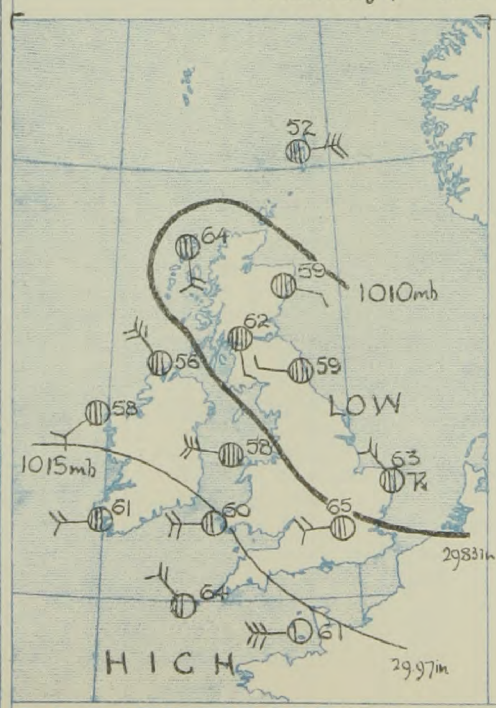
The depression which was centred outside our north-western coasts yesterday morning has made very slow progress along an easterly path, the minimum pressure, 1005 mb, being now found between the Tyne and the Forth. The system embraces the whole of the British Isles, the North Sea and the Low Countries, but is of slight intensity. Pressure is highest, nearly 1025 mb., in an anticyclone occupying the Atlantic region westward from the Bay and Portugal, a less marked anticyclone being indicated over the Polar Sea. There is a complete cyclonic wind circulation round the British Isles, very few localities experiencing so much as a moderate or fresh breeze. Further afield calms and light variable breezes predominate. Excepting in the Mediterranean region and at the Azores, where cloudless skies prevail, the weather is cool and cloudy to overcast, a few home stations reporting rain or mist, and Tynemouth a fog.

The Outlook

A slight rise of the barometer is in progress over nearly the whole of our area, and an improvement in the weather is anticipated. This is, however, likely to be of brief duration, the general situation favouring the prevalence of a changeable Westerly type.

H.H.

Monday, 26th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The changes in progress are in general accordance with the anticipations of the morning. The wind on the western coasts again backing towards W. and SW.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 238.

MONDAY, 26TH AUGUST

Region	Stations	Evening of 25th: Barom. Millibars at M.S.L.	Evening: Temp. °F.	Evening: Wind Direc.	Evening: Wind Force 0-12.	Evening: Weather.	Morning of 26th: Barometer Millibars at M.S.L.	Morning: Barometer Change in 3 hours ‡	Morning: Temp. Dry Bulb °F.	Morning: Temp. Change in 24 hours °F.	Morning: Wind Direc.	Morning: Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	24 hours ended 7 h. 26th: Rainfall Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 25th Hours.
BRITISH ISLANDS.	Lerwick ...	1014.3	50	ENE	5	cq	1013.7	0	50	0	E	6	-	c	4	0.1	52	47	bc	bc.	cq	*
	Deerness (Orkney)	1010.1	50	E	5	rf	1009.8	*	52	0	E	4	-	or	4	11	52	50	or.o.	or.	r.or.	0.0
	Stornoway ...	1006.7	57	E	3	op	1008.1	+2	54	+1	N	1	-	o	0	1	59	48	or	op.	c.oz	0.0
	Castlebay (Barra Isd.)	1005.0	57	SSW	3	c	1008.7	+1	55	-1	NW	2	-	o	2	12	60	53	r.o.c.	c.o.c.	c.o.bc.o	0.4
	Glasgow ...	1006.0	57	E	1	omd	1007.4	+2	54	+1	W	1	S	cme	*	7	64	52	o.c.otr	oumtp	omdp.c	0.3
	Eskdalemuir ...	1006.3	56	-	0	om	1006.3	+1	54	+2	-	0	-	o	*	15	56	51	orm	orm.om.	orm.o.	0.0
	Malin Head ...	1005.8	58	NW	2	bc	1008.1	+2	56	0	SSW	4	NW	cqg	4	2	59	54	cp.	bc.	cgq	2.4
	Blacksod Point	1008.5	56	NW	6	omp	1012.7	+1	53	-2	WNW	3	-	bc	3	1	62	50	cp.	bcp.	cp.bc.	*
	Valencia (Cahirciveen)	1012.8	59	W	4	c	1016.1	+1	55	-1	WNW	3	NW	opd	3	3	62	55	bcp.	c.	c.o.	4.2
	Roche's Point	1009.9	60	WNW	5	c	1015.2	*	55	-2	WNW	1	-	o	2	2	66	53	o.cp.	cpq.	c.b.o.	*
	Birr Castle ...	1008.3	60	W	1	c	1013.3	*	55	-2	NW	2	-	c	*	2	63	54	cp.	cp.	c.	2.9
	Donaghadee ...	1005.3	59	SSW	2	ogmpt	1007.7	+3	56	-1	WSW	3	W	cgm	3	2	66	54	omcgm	cgomp	omp.cg	*
	Liverpool (Bidston)	1006.3	58	SSE	2	o	1007.1	+2	57	-3	W	5	NW	o	3	8	61	54	or	or.	oq.	0.0
	Holyhead ...	1006.0	59	SW	3	cg	1009.5	+2	57	-2	WNW	5	NW	cqg	4	4	62	55	op.c.	o.c.bc.c.	c.cp.c.	1.1
	Pembroke (St. Ann's)	1009.1	60	WSW	3	c	1012.8	+3	57	-3	WNW	4	NW	cqv	4	5	63	56	oqp.c.	c.	bc.cqv.	2.9
	Hartland Quay	1009.4	62	WSW	5	o	1013.6	+3	60	-2	NW	5	-	o	5	4	63	58	o.ormo	o.op.o.	o.opq	*
	Scilly (St. Mary's)	1011.9	61	WNW	5	bc	1016.0	+2	57	-4	NW	4	NW	c	5	8	66	55	op.bc.	bcp.bc	cp.c.	6.3
	Falmouth ...	1010.7	62	W	4	bc	1015.1	+3	57	-3	WNW	4	W	c	*	5	65	55	omr.o.c	cm.bc.c.	bcq.c.	3.7
	Jersey (St. Aubin)	1012.7	59	SW	3	r	1014.4	*	62	-2	W	3	W	b	3	10	69	58	bc.	ogr.	or.c.o.b.	7.5
	Portland Bill ...	1009.1	60	WSW	5	c	1010.9	+3	60	0	W	4	-	c	4	11	61	58	or.	op.	bc.	*
	Dungeness ...	1011.3	63	SSW	2	c	1008.9	-1	58	-1	WSW	3	W	c	3	3	67	57	bc.	bc.	cpqp.c	*
	Wick	1008.1	53	E	5	ompq	1008.6	0	53	+2	ESE	4	-	omr	5	8	53	50	ompq	ompq	ompqr.	*
	Nairn	1006.0	56	-	0	o	1007.3	*	54	-1	-	0	-	me	1	5	64	53	pcq	prco.	prom.	0.3
	Aberdeen ...	1007.9	56	SE	2	o	1007.4	+1	56	+1	SE	2	-	m	2	8	60	54	odr.o.	c.om	odrm	1.4
	Leith	1004.8	60	-	0	r	1005.5	+1	57	-3	ENE	2	-	r	1	3	68	54	r.om.	c.b.bcp.o	r.o.r.or	*
	Tynemouth ...	1006.8	59	S	3	ormq	1005.0	0	57	+2	SW	1	-	f	2	5	61	55	om	omr	omr	*
	Spurn Head ...	1009.5	59	SSW	3	or	1006.3	0	58	-1	WSW	2	-	or	2	4	69	56	bcv.	bcv.or	or	2.1
	Yarmouth (Gorleston)	1011.4	64	SSW	6	o	1008.2	-1	57	+1	W	2	-	bcm	2	5	68	56	bc.	bc.o.	c.omr.	8.5
	Clacton-on-Sea	1011.0	65	S	4	c	1008.1	+1	59	-2	WNW	3	W	c	2	1	67	56	bc	bc.e.	c.op.bc	7.9
	Nottingham ...	1008.0	58	S	2	op	1006.9	*	56	+2	W	2	W	om	*	4	66	53	cp.o.	or	odr	2.0
	Benson (Oxon.) ...	1009.1	56	S	3	o	1028.8	+2	56	+1	W	2	-	c	*	11	65	51	or.	r.o.	r.c.o.	*
	Sth Farnborough	1009.8	57	SSE	3	o	1009.3	+2	57	+3	W	4	NW	c	*	3	65	54	bcm.or	or.o.	orcr.o.c.	3.0
	Salisbury Plain	1008.7	59	S	4	o	1010.3	+3	55	+3	W	4	W	o	*	11	64	50	c.opr.	or.o.	ort.o.c	0.2
	London (Kew Obsy.)	1009.9	58	S	1	r	1008.9	+2	58	+4	SW	2	W	c	*	3	68	53	bcmwcv	cv.or	or.cp.c.	4.2
NORTHERN EUROPE.	Spitsbergen ...	1013.4	37	N	2	c	1015.7	+1	37		S	5	*	b	*	*	37	34				
	Vardö	1011.2	41	E	2	o	1015.8	+3	43	-3	E	4	-	o	3	*	46	39				
	Bodö	1008.3	50	NW	4	c	1013.6	+3	52	-2	NW	4	E	c	2	-	54	48				
	Christiansund ...	1016.3	50	W	2	c	1017.0	0	50	0	SE	2	-	c	4	7	54	48				
	Skudesnaes ...	1013.8	54	N	1	b	1012.4	0	54	0	E	3	-	o	2	-	57	50				
	Færder (X'iania Fjord)	1013.1	59	WSW	2	b	1015.9	+1	52	-3	NE	2	W	c	1	-	63	52				
	The Scaw (Skagen)	1012.8	59	W	1	b	1014.6	+1	57	0	ESE	1	W	c	1	-	63	48				
	Blaavands Huk	1015.2	61	W	2	c	1013.0	+1	55	-6	ESE	2	-	o	*	-	64	48				
	Copenhagen ...	1015.0	61	WNW	2	bc	1015.5	0	57	0	ESE	3	-	c	*	-	64	52				
	Bornholm ...	1014.3	59	W	5	c	1015.8	0	59	+2	E	1	NW	c	0	-	61	59				
FRANCE, &c.	The Helder ...	1013.9	64	S	1	b	1007.8	-3	59	+7	E	1	-	o	0	1	68	52				
	C. Gris Nez ...	1012.0	65	WSW	1	b	1008.7	0	60	+1	W	5	*	c	4	39	70	55				
	La Hève	1012.9	64	NNE	1	c	1013.1	*	61	-2	W	5	*	c		14	73	55				
	Brest (St. Mathieu)	1014.7	63	W	4	c	1018.0	+2	59	-2	NW	4	*	c	3	3	64	57				
	Rochefort (Ile d'Aix)	1015.8	66	WNW	5	c	1016.2	+1	68		NW	3	*	c	*	1	75	57				
	Biarritz						1018.6	0	64	0	NNE	2	*	o	2	-	70	63				
	Paris	1012.0	72	ESE	2	c	1014.2	+1	61	+6	SSW	2	-	b	*	1	77	55				
	Belfort	1013.4	70	-	0	c	1015.5	*	63	+6	W	6	*	c	*	3	77	54				
	Lyons	1013.2	75	-	0	bc	1017.1	*	61	-3	NNW	2	*	bc	*	1	81	59				
	Nice	1014.0	68	S	1	b	1014.0	+1	68	-2	-	0	*	c	0	Trace	79	50				
	Perpignan ...	1013.5	75	-	0	b	1016.2	+1	72	+6	NW	2		o	*	-	82	66				
	Sanguinaire ...	1014.6	77	NW	3	m		*					*									
IBERIA, &c.	Corunna	1019.2	66	N	3	bc	1019.5	+1	63	-1	NE	1	-	b	1	-	68	55				
	Madrid														*							
	Lisbon	1014.3	73	NNW	5	b	1015.0	+1	64	0	N	4	-	b	4	-	79	64				
	Azores (Horta) ...	1025.0	*	ENE	3	o	1023.9	0	64	+1	N	1	*	b	1	-	75	63				
	,, (P. Delgada)	1023.8	*	NNE	1	b	1023.1	0	68	+2	-	0	*	b	1	-	75	64				
	Madeira	1018.0	75	N	3	bc	1019.8	0	68	+2	N	2	-	o	2	-	75	66				
	Gibraltar	1013.5	75	E	2	o	1014.5	*	73		E	1	*	o	2	-	83	71				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1014.4	0	75	+2	NW	2	-	b	1	-	84	72				
	Salonica	1011.1	78	SE	1	b	1010.7	+1	75	-2	S	1	-	b	*	-	93	65				
	Athens																					
	Candia	1010.6	75	-	0	b	1010.4	?+10	73	?	-	0	-	b	0	-	84	64				
	Limassol	*	*	*	*	*	1006.6	+1	82	0	-	0	-	b	0	-	91	59				
	Alexandria ...	1009.9	77	N	3	b	1009.8	0	79	0	WNW	2	NW	b	1	-	86	72				
	Cairo (Helwan) ...	1009.2	82	N	2	b	1010.0	+2	73	+1	N	1	N	b	*	-	91	66				
	Jerusalem ...	*	72	NW	3	b	*	*	68	+2	WNW	3	-	b	*	-	82	59				
	Ramleh	1008.4	79	WNW	1	b	1009.1	+1	79	-3	S	1	-	b	*	-	90	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity: Statute miles per hour.	Limits of Velocity: Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

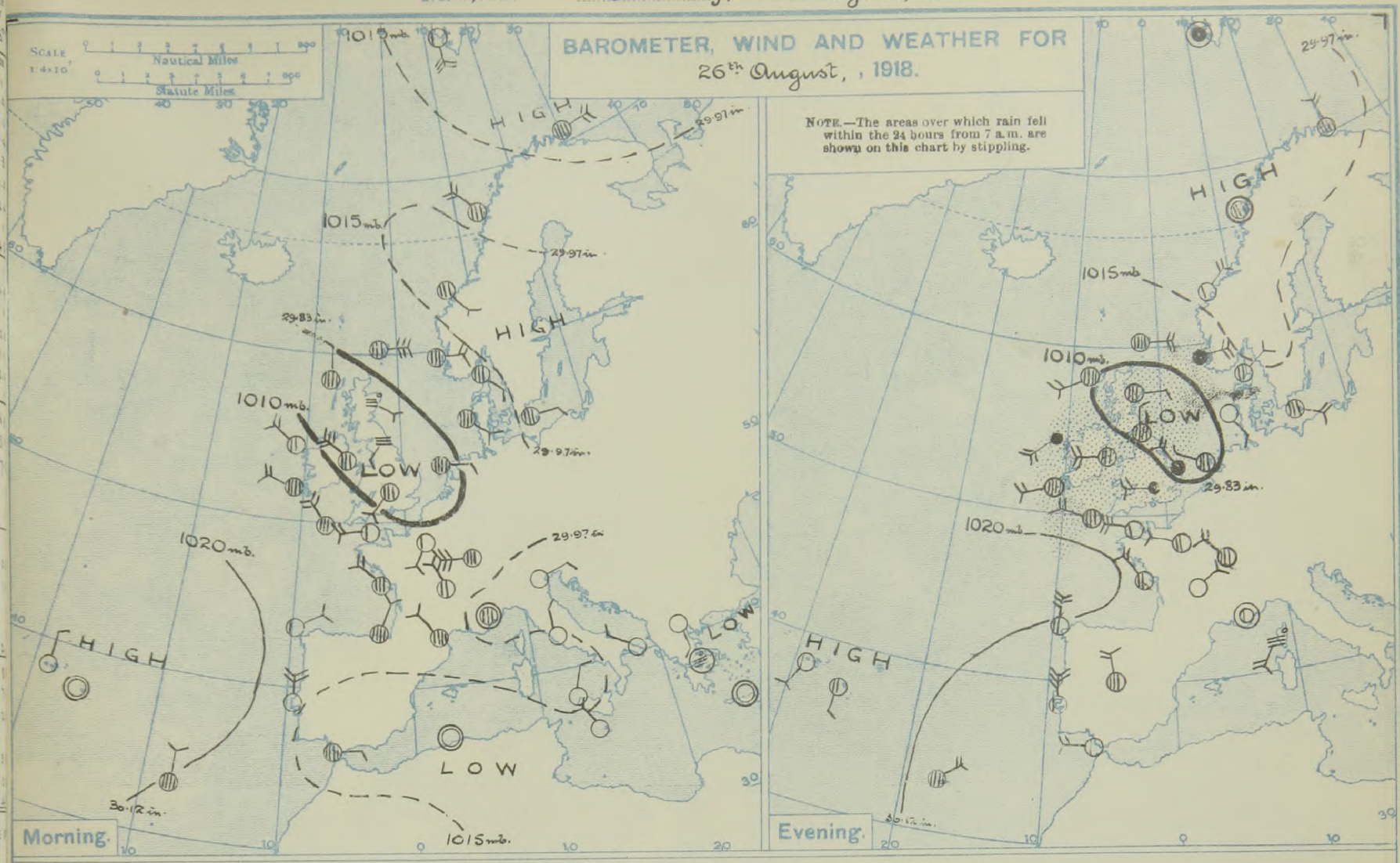
BEAUFORT NOTATION.

- b blue sky (not more than a quarter covered).
- bc sky partly cloudy (one half covered.
- c generally cloudy (three quarters covered).
- d drizzle, or fine rain.
- e wet air without rain falling.
- f fog. g gloom.
- h hail. l lightning.
- m mist.
- o overcast sky.
- p passing showers.
- q squalls.
- r rain.
- rs sleet, *i.e.*, rain and snow together.
- s snow.
- t thunder.
- u ugly, threatening sky.
- v unusual visibility.
- w dew.
- x hoar frost.
- y dry air; humidity less than 60 per cent.
- z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in **half-millibars**

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,732 Tuesday, 27th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 26TH AUGUST

	STATIONS.	Evening of 25th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 26th: Barometer Millibars at M.S.L.	Barometer Change in 3 hours.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1011.2	54	NW	4	b		*						*	*	*
	Stockholm ...	1005.9	52	NNW	2	bc		*						*	*	*
	Wisby	1013.9	57	NW	4	?		*						*	*	*
ITALY.	Venice	1011.9	77	N	1	c	?	*	62		NE	1	b	-	86	?
	Turin	1013.0	75	-	0	bc	1013.5	*	70	+4	-	0	c	Trace	82	66
	Pesaro	?	75	-	0	bc	1013.4	*	81		-	0	b	-	84	68
	Leghorn ...	1014.7	77	-	0	b	1014.5	*	77	+2	-	0	b	-	81	72
	Rome	1014.1	75	NNW	1	b	1015.1	*	70	+4	N	1	b	-	86	66
	Viesti	1012.9	77	WNW	1	b	1013.7	*	79	+2	NNE	1	b	-	79	68
	Brindisi	1012.5	77	NW	1	b	1013.3	*	75	+3	NW	1	b	-	77	70
	Cagliari							*								
	Palermo	1015.3	75	-	0	b	1015.5	*	79		NNE	1	b	-	90	64
	Tripoli							*								

ICELAND.	Morning of 26th: Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

27th and 28th Aug. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.55 / 4.57	11.54 / 11.54	6.53 / 6.51
Greenwich	5.5 / 5.7	12.1 / 12.1	6.57 / 6.55
Wick	5.1 / 5.4	12.13 / 12.13	7.25 / 7.22
Valencia	5.45 / 5.47	12.42 / 12.42	7.40 / 7.38

LONDON, 27th August, 9h. G.M.T.	Humidity 15 h. 26th %	Humidity 9 h. 27th %	Sunshine for 26th Hours.	24 Hours ended 9 h. 27th: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	83	78	1.2	66	49	39	3	ok.	ok	c
CITY (Bunhill Row)	*	*	2.0	*	*	*	*		*	*
WESTMINSTER (St. James's Park)	75	78	1.5	66	51	47	3	*	*	*
" (Roof near Charing Cross)	77	76	1.7	66	52	*	2	cmpl	ok. o.	*
CAMDEN SQ. (British Rainfall)	73	79	1.8	68	50	48	4	ok	ok	*
KENSINGTON PALACE	81	81	1.4	70	50	45	5	ok	ok. o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 26th.

Total.	Average Rate.	Max. Rate.
Joules. 670	Milliwatts. 13.4	Milliwatts. 49

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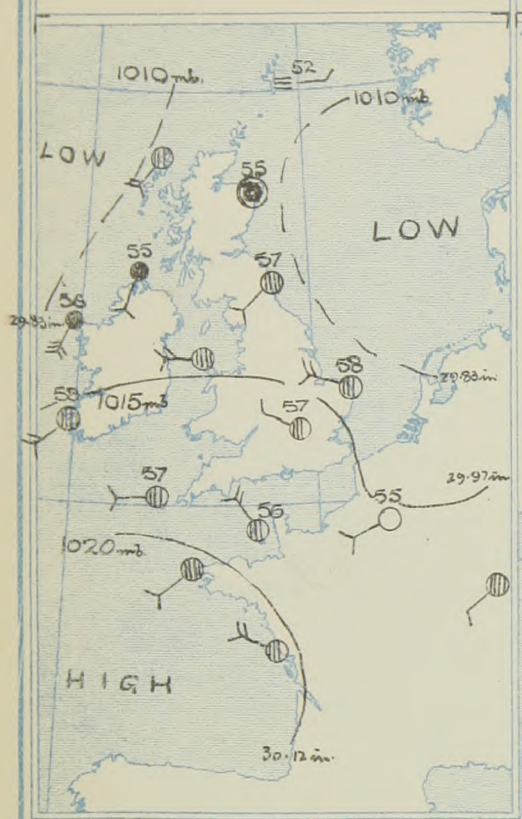
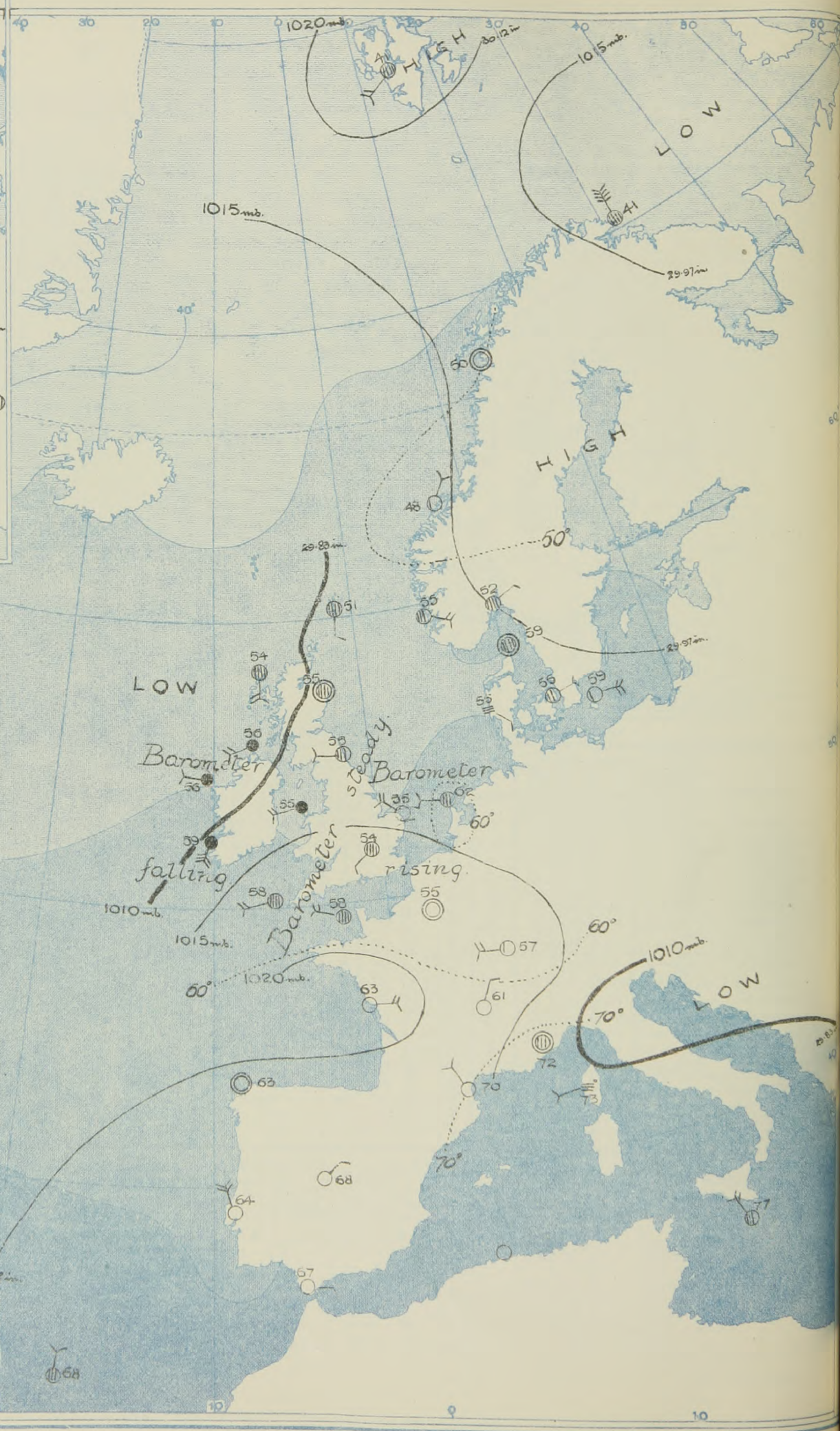
* The barometric change is expressed in half-millibars.

27th AUGUST at 1h. G.M.T.

THE MORNING OF TUESDAY, 27th AUGUST 1918, at 7h. G.M.T.





EXPLANATION.

BAROMETER.—Isobars are drawn for intervals of five millibars.

WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols :—
◯ clear sky. ◐ sky ¼ clouded. ◐ sky ½ clouded.
◐ sky ¾ clouded. ● overcast sky. ● rain falling.
snow. ▲ hail. ≡ fog. ≡° mist. T, thunder.
⚡, thunderstorm.

SEA DISTURBANCE.—Rough ~~~. High ~~~.

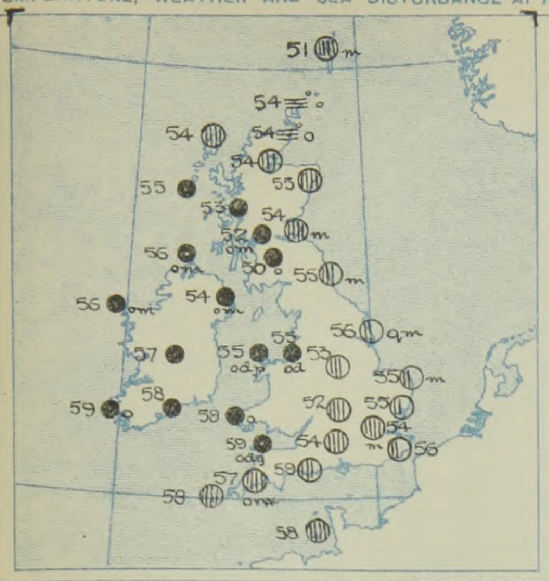
SCALE 1 : 2 · 10⁷
Nautical Miles 0 1 2 3 4 5 6
Statute Miles 0 1 2 3 4 5 6

Normal Temperature of the Sea.

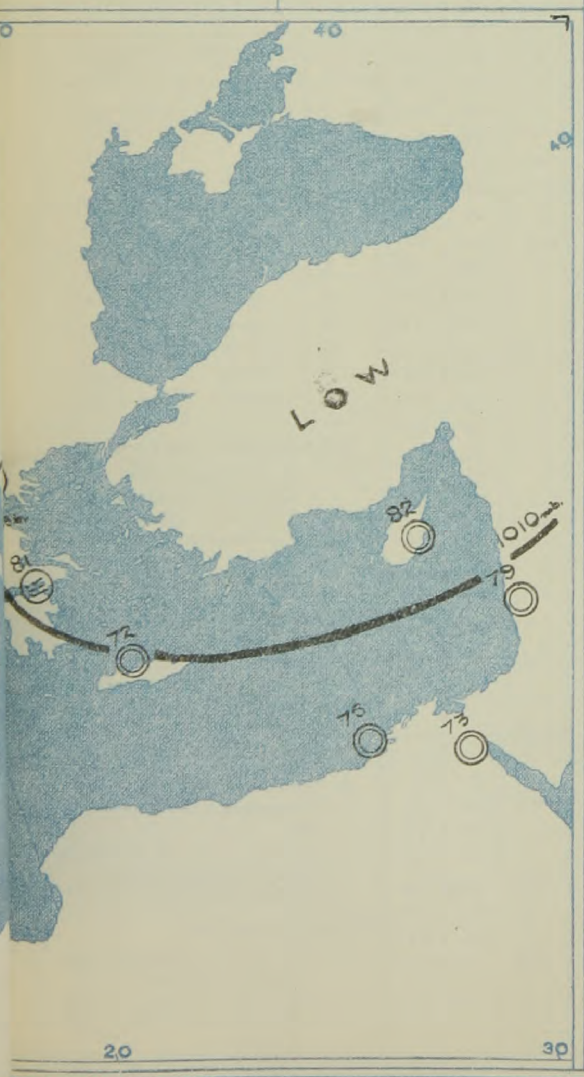
Below 50° | 50°–60° | 60°–70° | Above 70°

Scale of Tints for AUGUST.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Rain fell in nearly all parts of the British Isles, but not heavily except locally in Ireland. In many parts the precipitation came in the form of showers, and thunderstorms were experienced on the east Anglian coast. More than 12 hours of sunshine were measured in Jersey, but generally the measurements were poor. Temperature did not exceed 70° in the south and 60°-65° in the north.

The Conditions at 7h. Today

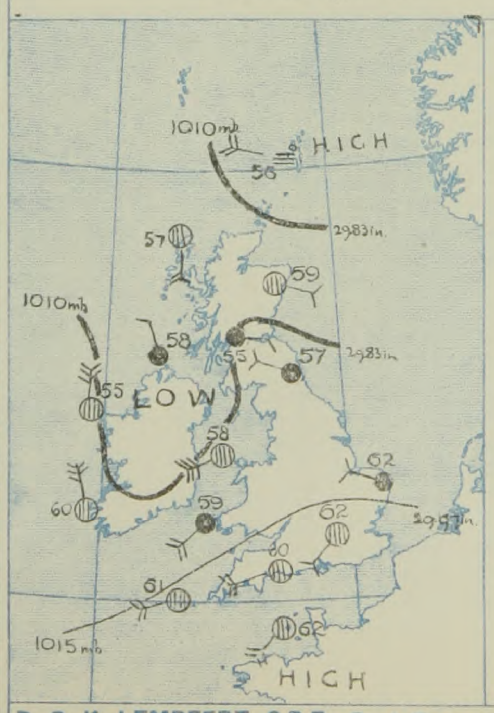
An anticyclone lies over the Bay of Biscay, while a depression is shown to the west and north-west of Ireland. The depression which yesterday lay over the British Isles has passed to the North Sea and filled up. Rain is falling very generally in our western districts. On the coasts of the North Sea rain is not reported, but there is a good deal of cloud, with fog at Blaavands Huk, and mist on our own east coast. Winds are fresh at Valencia, but generally do not exceed the force of a moderate breeze, and over the North Sea they are very light.

The Outlook

Generally unsettled conditions seem likely to prevail over the whole of the British Isles.

H.H.

Tuesday, 27th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



In the west of Ireland a N. wind has set in in the rear of the depression which is now moving slowly eastwards. Fairer weather conditions are likely to spread slowly from the west.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 239 [TUESDAY, 27TH AUGUST.

	STATIONS.	EVENING OF 26TH					MORNING OF 27TH									24 HOURS ENDED 7 h. 27TH						Sunshine for 26TH
		Barom. Millibars at M.S.L.	Temp.	Wind. Direc.	Wind. Force 0-12.	Weather.	Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	
			°F.					‡	°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1012.8	51	E	4	om	1011.1	-1	51	+1	S	1	-	om	2	-	52	48	c	c	f	*
	Deerness (Orkney)	1010.5	53	E	3	om	1010.1	*	54	+2	W	1	-	om	1	2	56	52	or. o.	om.	m f. m	0.2
	Stornoway ...	1010.0	58	WSW	3	o	1009.6	0	54	0	S	3	-	o	2	-	64	51	o. bcc	c. o	o	2.3
	Castlebay (Barra Isd.)	1011.5	55	W	4	ofp.	1008.8	-1	55	0	SE	3	-	r	3	1	59	54	o. c. o.	ofp.	ofpr.	1.0
	Glasgow ...	1010.5	60	W	3	cz.	1011.6	-1	52	-2	SSW	2	-	omr	*	4	64	51	c. bc. c. o.	ofp. cz.	c. bc. or.	0.9
	Eskdalemuir ...	1010.3	57	NW	3	o	1012.5	0	50	-4	S	1	-	or	*	0.1	60	?47	o. og.	og. o.	o. of. ov.	0.0
	Malin Head ...	1012.0	56	WNW	3	c	1006.2	-1	56	0	SW	3	-	omr	2	9	57	53	cqfr.	c.	omr.	2.1
	Blacksod Point	1013.4	57	SW	4	or	1008.4	-1	56	+3	W	2	-	omr	3	15	60	53	bc	cv.	omr. or.	*
	Valencia (Cahirciveen)	1017.0	59	WSW	3	o	1010.5	-6	59	+4	SSW	5	-	or	0	5	62	55	o. c.	b. o.	or.	2.0
	Roche's Point	1016.6	60	NW	2	o	1013.9	*	58	+3	SW	3	-	r	3	4	65	55	o. c. o.	o. c. o.	or.	*
	Birr Castle ...	1015.2	59	W	2	c	1010.9	*	57	+2	S	1	-	r	*	8	63	53	c	c.	or.	5.2
	Donaghadee ...	1012.7	57	WNW	4	ogm	1010.7	-2	54	-2	SSW	4	-	omr	2	4	59	52	fgm.	ogmp.	og. emp.	*
	Liverpool (Bidston)	1012.0	57	W	5	o	1013.7	-1	55	-2	SW	2	-	od	2	1	61	54	bc. cq	cq	ofp.	3.0
	Holyhead ...	1013.7	58	W	4	cg	1013.3	-1	55	-2	WSW	3	-	ofd	1	1	60	55	c. bcgq.	o. cg.	c. ofd.	0.7
	Pembroke (St. Ann's)	1016.1	59	W	4	cv	1015.8	0	58	+1	WSW	2	-	or	2	0.3	61	56	bcqv.	bcq. c.	c. or.	7.3
	Hartland Quay	1017.1	61	W	4	c	1016.9	0	59	-1	SW	3	-	odg	4	0.3	62	59	ofp. o. c.	c. o. c.	go. odr.	*
	Scilly (St. Mary's)	1018.9	58	WNW	3	c	1018.5	0	58	+1	WSW	3	W	o	3	0.3	65	56	c. bc.	bc. cqfp.	c. o	7.0
	Falmouth ...	1018.2	62	WNW	3	ov.	1018.2	0	57	0	SW	3	-	ovw	*	Trace	66	55	bcq.	bcqfv.	bc. cw.	9.1
	Jersey (St. Aubin)	1017.8	62	WNW	5	b.	1018.9	*	58	-4	WNW	3	-	o	3	1	65	56	b.	b.	b. or. o.	12.3
	Portland Bill ...	1015.0	61	WNW	5	bc.	1016.7	0	59	-1	W	4	W	c	3	-	64	58	bc.	bc.	bc. o	*
	Dungeness ...	1012.1	64	WSW	3	c	1015.8	+1	56	-2	W	3	-	bc	2	3	69	50	bc.	cp. c.	c. bc	*
	Wick	1009.8	54	E	2	omd	1009.9	0	54	+1	-	0	-	om	1	2	54	52	omgr.	omd.	omd f.	*
	Nairn	1009.6	56	-	0	ogm	1009.9	*	54	0	-	0	-	c	0	2	58	49	dm. o.	og	fc.	0.0
	Aberdeen ...	1009.5	57	E	1	c	1010.5	0	55	-1	-	0	-	o	2	1	61	53	om. o.	o. c.	c. ofom	1.6
	Leith	1009.1	58	-	0	o	1010.2	0	54	-3	SSW	1	-	om	1	1	60	52	rm. od	odm.	dmgo.	*
	Tynemouth ...	1009.2	59	N	1	om	1011.2	0	55	-2	W	2	-	cm	2	1	62	54	emp.	omp.	om.	*
	Spurn Head ...	1010.2	60	NW	4	ogfm	1013.0	0	56	-2	WNW	4	-	bcqm	4	4	63	54	cp.	cpogm	bcq.	1.2
	Yarmouth (Gorleston)	1009.8	60	NW	3	omd	1013.6	+2	55	-2	WNW	3	-	bcm	3	5	69	53	bc. c	ctlr	emp. bc	2.7
	Clacton-on-Sea	1011.4	59	NNW	2	o	1015.2	+2	55	-4	WNW	2	NW	bc	2	5	66	54	cufr.	c. otlr.	o c bc	2.5
	Nottingham ...	1011.5	61	NW	3	b	1014.3	*	53	-3	SW	1	SW	cm	*	-	68	52	ofp. c.	c. bc.	b. bc.	3.9
	Benson (Oxon.) ...	1013.0	62	WNW	3	bc	1015.6	0	52	-4	SW	1	-	o	*	-	68	45	bc.	bc.	o	*
	Sth Farnborough	1013.5	63	W	4	c	1016.3	0	54	-3	WSW	1	-	ow	*	-	70	46	o. c. o.	o. c	c. b. ow	3.9
	Salisbury Plain	1014.5	60	W	4	c	1016.5	0	54	-1	WSW	2	W	o	*	-	64	44	od.	o. c.	b. bc. o	2.2
	London (Kew Obsy.)	1013.1	61	W	3	or	1016.4	+2	54	-4	SW	1	W	om	*	3	66	49	c. ofp. c.	c. or.	or. bc.	1.4
NORTHERN EUROPE	Spitsbergen ...	1018.8	37	-	0	r	1021.5	+1	41	+4	SW	3	*	o	*	*	41	34				
	Vardö	1018.0	39	N	3	o	1014.2	-2	41	-2	N	8	-	o	5	*	43	39				
	Bodö	1016.2	50	-	0	c	1016.4	0	50	-2	-	0	-	b	?	-	52	45				
	Christiansund ...	1015.0	52	NE	3	b	1014.4	0	48	-2	NE	2	-	b	3	-	55	45				
	Skudesnaes ...	1014.2	52	E	4	r	1012.7	-1	55	+1	ESE	3	-	c	2	6	57	52				
	Færder (X'iania Fjord)	1015.1	61	NW	1	o	1015.0	0	52	0	ENE	1	-	o	1	2	63	52				
	The Scaw (Skagen)	1013.9	59	NE	3	bc	1013.9	0	59	+2	-	0	-	o	0	-	63	57				
	Blaavands Huk	1011.5	61	SE	1	c	1013.8	+1	55	0	SE	1	-	f	*	-	73	45				
	Copenhagen ...	1013.5	59	E	1	c	1014.6	+2	55	-2	E	2	-	bc	*	4	63	54				
	Bornholm ...	1013.6	59	ESE	3	c	1013.6	+2	59	0	ESE	4	-	b	1	-	61	55				
FRANCE, &c.	The Helder ...	1009.1	64	W	1	c	1011.8	+1	62	+3	W	2	-	c	1	2	66	55				
	C. Gris Nez ...	1012.4	61	WSW	5	o	1016.0	0	57	-3	W	4	*	c	4	48	64	55				
	La Hève	1017.1	59	W	5	bc	1019.0	*	59	-2	WNW	4	*	c	3	-	64	54				
	Brest (St. Mathieu)	1020.3	63	NW	1	c	1019.0	0	59	0	SSW	3	*	o		-	70	57				
	Rochefort (Ile d'Aix)	1018.6	66	NW	4	bc	1020.6	+1	63	-5	E	3	*	b	*	-	72	57				
	Biarritz												*									
	Paris	1015.6	66	WNW	2	bc	1019.2	+1	55	-6	-	0	NW	b	*	-	73	50				
	Belfort	1015.1	64	NW	3	c	1019.6	*	57	-6	W	3	*	b	*	-	73	52				
	Lyons	1014.4	72	NE	2	b	1019.0	*	61	0	NNE	1	*	b	*	-	79	55				
	Nice	1010.8	72	-	0	bc	1010.3	+1	72	+4	-	0	*	c		-	82	64				
	Perpignan ...						1017.6	+2	70	-2	NW	2	-	b	*	-	86	64				
	Sanguinaire ...	1014.8	77	SSW	2	m	1013.0	*	73		WSW	2	*	m	3	-	91	66				
IBERIA, &c.	Corunna	1018.7	68	NNE	5	bc	1019.2	+2	63	0	-	0	-	b	1	-	70	54				
	Madrid	1018.6	82	NNW	3	c	1016.0	+3	68		NE	1	-	b	*	-	91	64				
	Lisbon	1015.6	72	N	5	b	1017.8	+1	64	0	NNW	4	-	b	2	-	79	63				
	Azores (Horta) ...	1023.8	*	SSW	4	b	1024.3	+1	67	+3	-	0	*	bc	1	-	77	64				
	,, (P. Delgada)	1023.1	*	S	1	bc	1024.0	+1	66	-2	NNE	1	*	b	2	-	77	64				
	Madeira	1019.4	75	NE	2	o	1021.5	0	68	0	N	2	-	c	2	-	77	66				
	Gibraltar	1015.2	73	W	3	b	1016.6	*	67	-6	NW	1	*	b	0	-	82	67				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1013.8	+2	77	+2	NNW	3	-	c	1	-	81	73				
	Salonica	1008.4	82	-	0	b	1009.8	+1	74	-1	-	0	-	b	*	-	74	66				
	Athens	1009.8	79	-	0	b	1009.2		81	-4	-	0	-	f	0	-	93	75				
	Candia	1010.0	76	-	0	b	1010.0	0	72	-1	-	0		b	0	-	86	68				
	Limassol	*	*	*	*	*	1007.8	+1	82	0	-	0	-	b	0	-	90	64				
	Alexandria ...	1010.0	77	NNW	2	b	1011.5	+2	75	-4	-	0	-	b	0	-	88	70				
	Cairo (Helwan) ...	1009.4	84	N	2	b	1011.1	+2	73	0	-	0	-	b	*	-	91	68				
	Jerusalem ...	*	70	WNW	3	b	*	*	72	+5	NW	1	-	b	*	-	81	59				
	Ramleh	1008.8	77	W	1	b	1010.8	+1	79	0	-	0	-	b	*	-	90	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

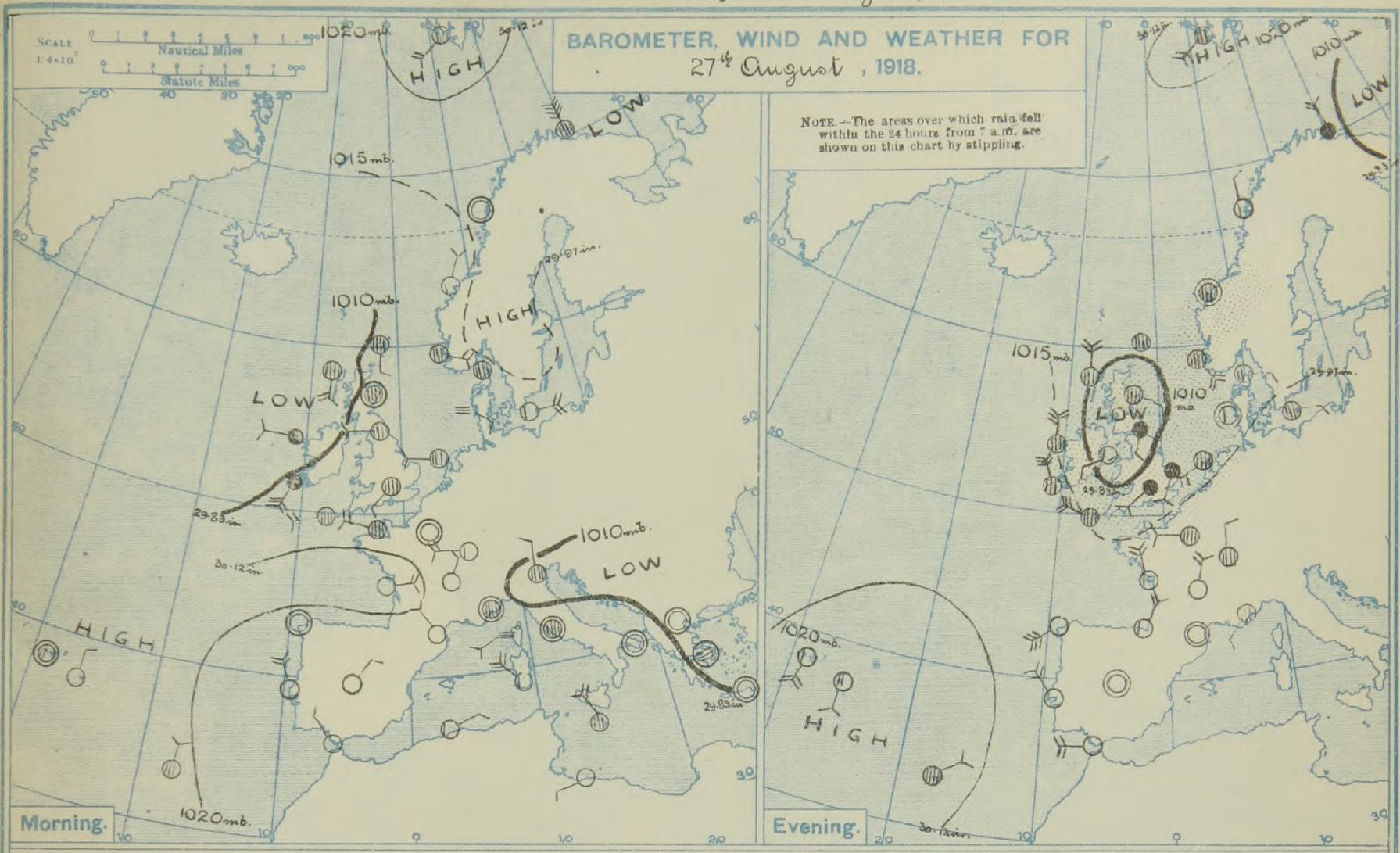
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts. ‡ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,733. Wednesday, 28th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 27TH AUGUST

	STATIONS.	Evening of 26th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 27th: Barometer. Millibars at M.S.L.	Change in 3 hours.	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max.	Temp. Min.
			°F.					‡	°F.	°F.					°F.	°F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...							*						*	*	*
	Stockholm ...							*						*	*	*
	Wisby							*						*	*	*
ITALY.	Venice						1009.3	*	68	+6	N	1	0	3	82	62
	Turin	1010.7	75	-	0	bc	1010.6	*	68	-2	-	0	b	-	82	62
	Pesaro						1009.8	*	82	+1	SW	1	bc	-	84	70
	Leghorn ...	1013.1	77	?	?	b	1011.5	*	75	-2	-	0	c	-	82	72
	Rome	1014.6	75	SW	1	bc	1013.9	*	73	+3	-	0	0	-	86	70
	Viesti	1013.3	81	-	0	c	1010.9	*	77	-2	-	0	b	-	84	18
	Brindisi	1013.1	75	-	0	b	1012.1	*	73	-2	-	0	b	-	75	?
	Cagliari	1014.3	88	SE	4	b	1013.4	*	68		NW	4	b	?	?	?
	Palermo	1014.7	77	-	0	b	1013.9	*	70	-9	NE	7	b	-	91	63
	Tripoli						1017.5	*	73		WSW	1	b	-	82	64

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb.	Temp. Change in 24 hours.	Wind Direc.	Wind Force 0–12.	Weather.
		°F.	°F.			
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

Table showing the Greenwich Times of Sunrise, Noon and Sunset for Stations in the United Kingdom

28th and 29th Aug. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4.57 / 4.59	11.54 / 11.54	6.51 / 6.49
Greenwich	5.7 / 5.9	12.1 / 12.1	6.55 / 6.53
Wick	5.4 / 5.7	12.13 / 12.13	7.22 / 7.19
Valencia	5.47 / 5.49	12.42 / 12.42	7.38 / 7.36

LONDON

28th August 9h. G.M.T.

	Humidity 15 h. 27th	Humidity 9 h. 28th	Sunshine for 27th	24 hours ended 9 h. 28th: Temperature Max.	Temperature Min.	Min. on Grass.	Rainfall.	Weather Morning.	Afternoon.	Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	82	96	0.5	64	56	55	4	0. or.	or	0. or 0.
CITY (Bunhill Row)	*	*	0.2	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	92	98	0.3	63	57	56	3	*	*	*
" (Roof near Charing Cross)	78	92	0.3	64	57	*	3	cm.o.	odrk.	*
CAMDEN SQ. (British Rainfall)	80	89	0.2	64	57	54	4	o.	o. or.	*
KENSINGTON PALACE	80	92	0.3	67	54	55	4	od	r	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 27th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
588	11.8	42

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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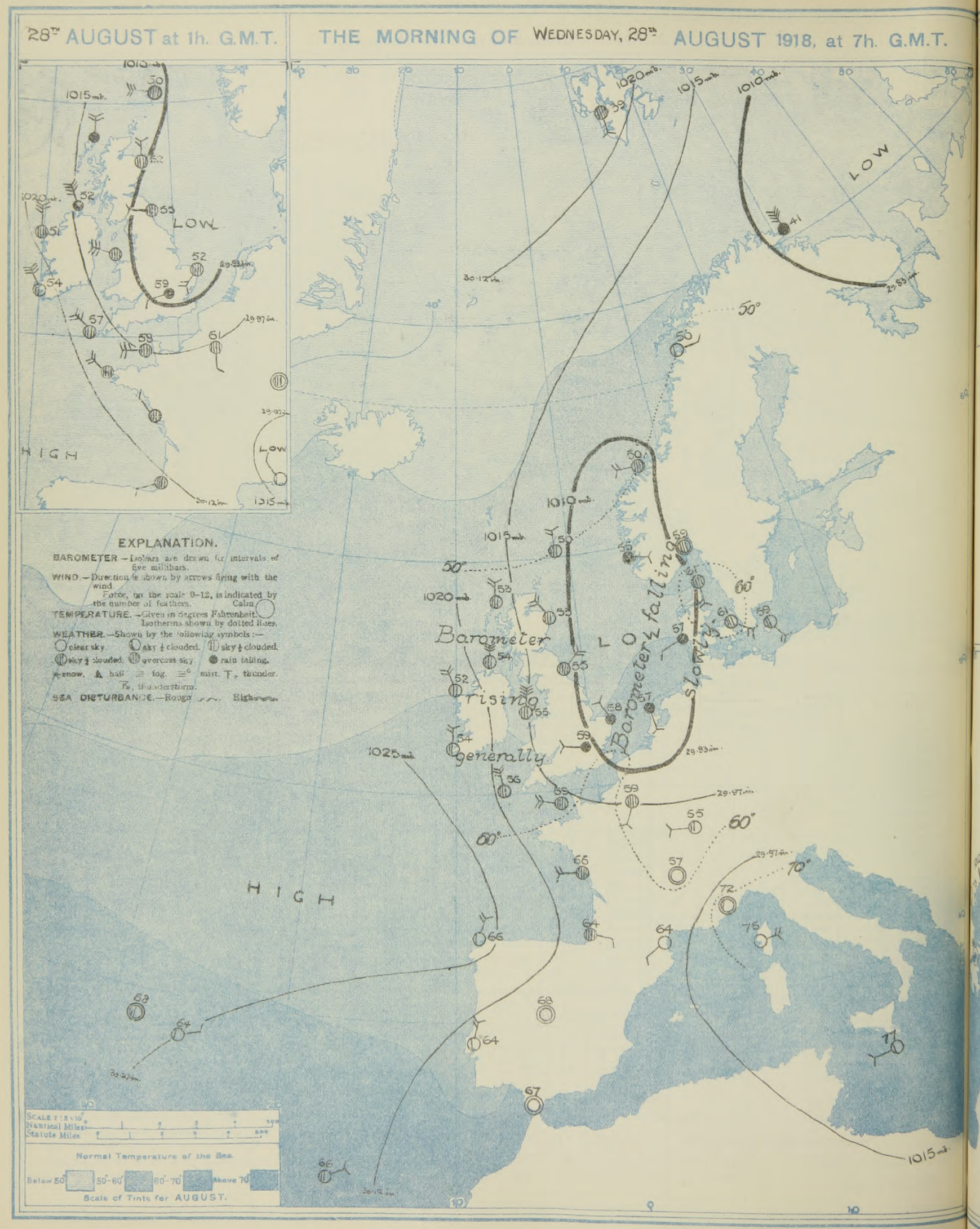
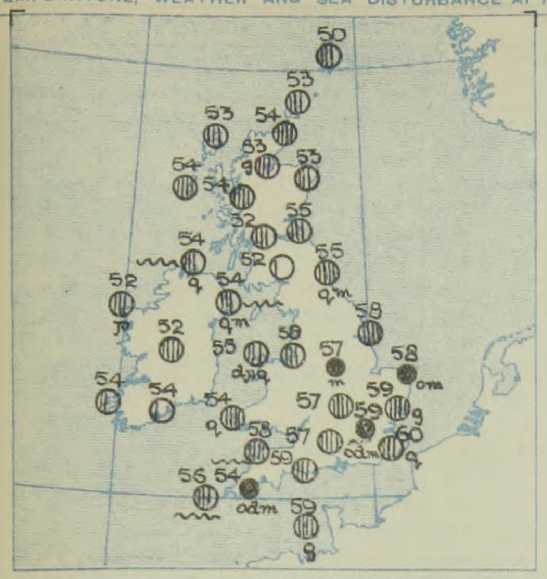
By Wyman & Sons Ltd., Fetter Lane, London, E.C., and Reading.

28th AUGUST at 1h. G.M.T.

THE MORNING OF WEDNESDAY, 28th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Hartland Quay:
27th 15h-19h -
Extreme SW.8.

Notes on the Weather of the 24 hours ended 7h. Today

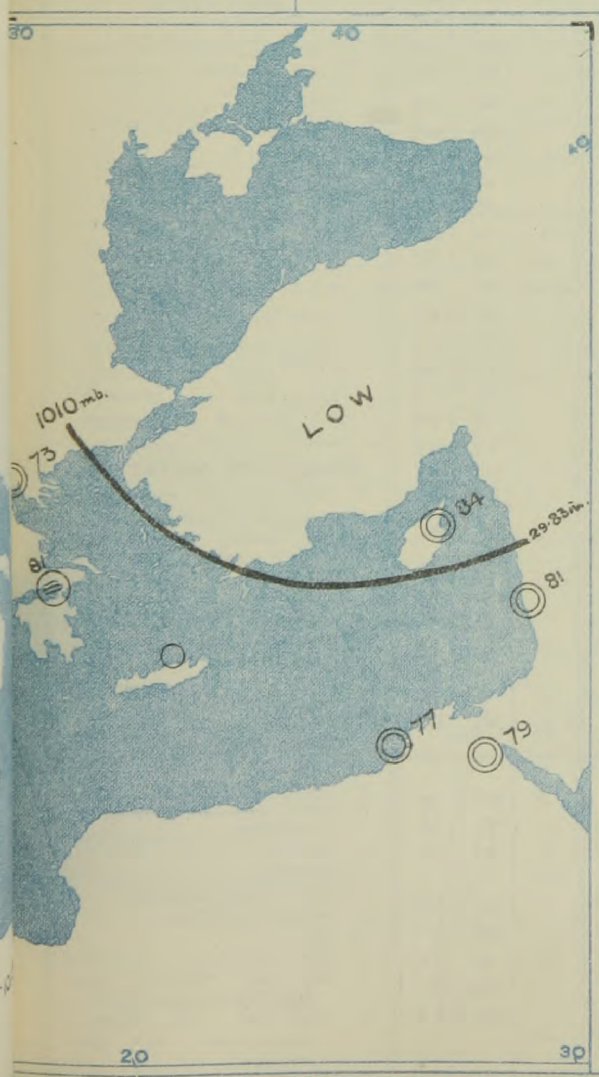
Rain again fell very generally, though the amounts were not heavy at most stations. There was much cloud and mist, and sunshine was extremely scanty over the whole country. Temperature reached about 65° in most parts, but scarcely exceeded 60° in Scotland.

The Conditions at 7h. Today

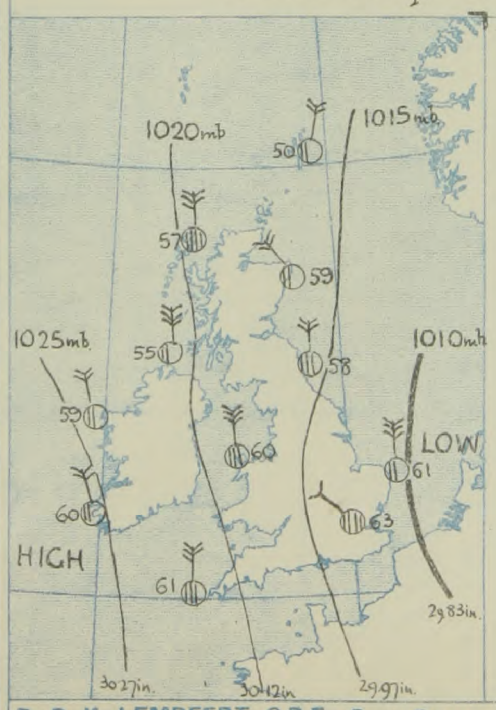
The depression which yesterday afternoon lay over Ireland has moved across to the North Sea. A general Northerly current prevails over the British Isles between this depression and an anticyclone which is spreading in from the Atlantic. Surface winds are strong locally in the west but generally are moderate or fresh in force. There is much cloud over the country, and on the eastern and south-eastern shores of the North Sea rain is falling at all stations.

The Outlook

It is probable that after a temporary improvement in the weather there will be a return to unsettled conditions under the influence of fresh depressions arriving from the Atlantic.



Wednesday, 28th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer is still rising generally over the British Isles and fairer weather is beginning to prevail.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 240 {WEDNESDAY, 28TH AUGUST.

STATIONS	EVENING OF 27TH: Barom. Millibars at M.S.L.	EVENING: Temp. °F.	EVENING: Wind Direc.	EVENING: Wind Force 0–12	EVENING: Weather	MORNING OF 28TH: Barometer Millibars at M.S.L.	MORNING: Barometer Change in 3 hours ⁝	MORNING: Temp. Dry Bulb °F.	MORNING: Temp. Change in 24 hours °F.	MORNING: Wind Direc.	MORNING: Wind Force 0–12	MORNING: Direc. of Upper Cloud	MORNING: Weather	MORNING: Sea 0–9	24 HOURS ENDED 7 h 28TH: Rainfall Millimetres	24 HOURS: Temp. Max. °F.	24 HOURS: Temp. Min. °F.	24 HOURS: Weather Morning	24 HOURS: Weather Afternoon	24 HOURS: Weather Night	Sunshine for 27TH Hours
BRITISH ISLANDS.																					
Lerwick ...	1010·7	53	?	3	om	1011·8	+3	50	−1	N	3	N	c	2	-	56	48	oz	om.	c	*
Deerness (Orkney)	1009·8	55	N	2	c	1012·8	*	53	−1	N	4	NW	c	3	Trace	59	51	om. o	o. c.	cp. c.	0·3
Stornoway ...	1010·5	57	N	4	o	1015·5	+4	53	−1	N	3	-	c	2	1	61	52	c.	bc. c	o. cdp.	1·5
Castlebay (Barra Isd.)	1011·3	55	NW	4	r	1018·1	+4	54	−1	NW	5	-	o	4	3	59	51	r. o	or.	r. op. o	0·0
Glasgow ...	1009·0	55	E	1	omr	1014·6	+4	52	0	NW	2	N	c	*	9	56	50	r	r.	or. bc. c	0·0
Eskdalemuir ...	1008·5	55	SE	1	orm	1014·1	+4	52	+2	N	1	N	b	*	14	56	49	orm	om. orm	ormbc.	0·0
Malin Head ...	1009·3	56	N	4	omqr	1017·5	+5	54	−2	N	6	N	cq	6	9	59	51	omd	cmqp	cq	0·2
Blacksod Point	1015·1	55	N	5	omq	1021·6	+3	52	−4	NNW	4	-	cp	4	4	58	40	omp.	om	omp cp.	*
Valencia (Cahirciveen)	1017·3	57	NNW	5	c	1023·4	+4	54	−5	N	3	N	bc	3	1	61	53	or. c	c. op.	o c bc	1·5
Roche's Point	1013·4	59	NNW	5	o	1020·1	*	54	−4	NNW	4	N	b	3	2	67	53	d. o.	op. co.	o b.	*
Birr Castle ...	1012·7	56	NW	2	o	1020·7	*	52	−5	NW	1	-	o	*	3	65	49	or	or. c. o.	o.	1·5
Donaghadee ...	1007·5	50	NNW	2	oqmp	1015·8	+4	54	0	NW	5	NW	cmq	5	6	61	52	omr.	oqmp.	ompq	*
Liverpool (Bidston)	1008·4	57	S	1	r	1012·6	+5	58	+3	NW	4	NW	c	4	9	59	55	or.	or	o. c.	0·0
Holyhead ...	1008·1	59	WSW	2	bf	1015·0	+4	55	0	N	7	W	cpdq	6	8	60	54	opd or	orm. b.	copdq	0·8
Pembroke (St. Ann's)	1009·5	60	WSW	4	oq	1016·9	+5	54	−4	NNW	5	-	oq	4	3	60	54	or	oqr. oq.	cq oq.	0·0
Hartland Quay	1011·1	61	SW	8	om	1016·1	+3	58	−1	NNW	6	-	o	5	3	63	57	or. odp	ormd.	odmo,	*
Scilly (St. Mary's)	1014·8	59	WNW	5	o	1019·3	+2	56	−2	NNW	5	N	c	6	0·4	62	55	o.	o. op.	op. c	0·0
Falmouth ...	1013·7	60	SW	5	odmq	1018·1	+4	54	−3	NW	3	-	odm	*	3	63	54	og.	odm. op.	oe odm	0·0
Jersey (St. Aubin)	1017·0	63	W	4	og	1015·8	*	59	+1	WNW	4	-	og	3	0·4	67	58	o. bc.	c. o. c. og.	og	3·0
Portland Bill ...	1013·2	60	WSW	5	o	1012·9	+4	59	0	WNW	4	NW	c	4	1	61	57	cp.	cr.	c. bc	*
Dungeness ...	1014·5	59	SW	4	rq	1009·5	+1	60	+4	WSW	4	SW	cq	4	3	67	55	cp. c	cqr.	cqr. c.	*
Wick	1009·8	55	-	0	om	1013·3	+4	54	0	NNW	2	-	o	2	2	58	48	o. cm.	c. om.	bc omd	*
Nairn	1009·0	57	NE	1	bc	1014·4	*	53	−1	-	0	-	cg	1	1	61	52	c.	c. b	bcp. c	2·0
Aberdeen ...	1009·3	56	ESE	1	o	1012·8	+2	53	−2	NW	4	NW	c	2	1	61	51	om. c. o.	od.	cd. cq.	0·1
Leith	1008·6	55	NE	1	r	1014·2	+3	55	+1	SW	1	NW	c	1	5	57	51	omd or	r.	ormoc.	*
Tynemouth ...	1009·2	56	SSW	1	rm	1011·6	+2	55	0	NE	4	-	omq	3	6	57	54	omp	omr	om.	*
Spurn Head ...	1011·3	58	SW	2	or	1008·8	0	58	+2	N	4	-	o	3	10	60	56	or.	or.	or.	0·0
Yarmouth (Gorleston)	1013·2	56	SSW	2	omr	1007·9	−2	58	+3	NW	2	-	om	2	3	64	54	op.	omr.	omp	1·2
Clacton-on-Sea	1013·6	59	SSW	3	oqr	1008·2	+2	59	+4	WNW	3	NW	og	2	7	64	55	bc. ogd.	oqr.	oqr.	2·0
Nottingham ...	1010·6	57	S	2	omr.	1010·3	*	57	+4	NNW	2	N	rm	*	7	62	53	or.	or.	rd	0·0
Benson (Oxon.) ...	1012·6	57	S	1	r	1010·6	+2	57	+5	W	3	-	o	*	6	62	52	o.	or.	or	*
Sth Farnborough	1013·4	58	SSW	4	or	1010·6	+2	57	+3	WNW	3	-	or	*	4	62	53	o. or.	or.	or	0·0
Salisbury Plain	1013·1	58	SSW	3	od	1012·6	+2	57	+3	W	3	W	o	*	4	60	54	or	or.	or o c o.	0·0
London (Kew Obsy.)	1013·3	59	SW	2	or	1010·3	+3	59	+5	W	2	-	omd	*	4	64	54	om. op.	op. o. od. or	or. oomd	0·1
NORTHERN EUROPE.																					
Spitsbergen ...	1022·8	41	SW	4	c	1023·5	+1	39	−2	S	2	*	o	*	*	41	34				
Vardö	1010·4	41	N	3	r	1009·5	0	41	0	N	7	-	r	5	*	41	36				
Bodö	1015·0	52	N	1	b	1013·5	0	50	0	E	1	NE	b	1	-	54	45				
Christiansund ...	1011·5	54	-	0	c	1009·4	−1	50	+2	W	3	-	o	3	1	55	45				
Skudesnaes ...	1011·1	58	SE	4	o	1008·7	−1	55	0	ESE	2	-	r	2	1	59	52				
Færder (X'tiania Fjord)	1013·2	55	SSW	2	o	1010·3	−1	59	+7	-	0	W	c	1	-	61	52				
The Scaw (Skagen)	1013·2	61	ESE	1	bc	1010·0	−1	61	+2	S	3	-	o	3	-	64	59				
Blaavands Huk	1013·2	63	-	0	b	1009·4	−1	57	+2	WSW	1	-	r	*	9	66	52				
Copenhagen ...	1015·1	59	SW	2	b	1012·4	−1	61	+6	SE	3	-	c	*	-	63	55				
Bornholm ...	1015·6	57	ESE	1	c	1014·0	−1	59	0	SSE	3	SE	bc	0	-	61	54				
FRANCE, &c.																					
The Helder ...	1013·2	61	WSW	3	o	1007·2	−3	57	−5	SSE	2	-	r	2	13	64	55				
C. Gris Nez ...	1014·6	59	SW	5	r	1009·4	+1	61	+4	W	5	*	o	5	10	63	57				
La Hève	1017·8	63	WSW	4	o	1014·8	*	61	+2	NW	5	*	o	5	Trace	66	54				
Brest (St. Mathieu)	1018·8	59	SW	3	b	1019·0	+2	59	0	NW	4	*	c	3	-	70	57				
Rochefort (Ile d'Aix)	1019·0	66	NNW	4	b	1018·7	0	66	+3	W	3	*	o	*	-	75	59				
Biarritz	1017·9	68	NNE	3	b	1019·6	0	64		ESE	1	*	o	2	-	77	63				
Paris	1017·6	64	-	0	c	1015·0	+1	59	+4	SSW	2	-	o	*	-	70	55				
Belfort	1017·6	63	N	1	o	1018·4	*	55	−2	W	2	*	bc	*	-	73	52				
Lyons	1017·1	70	NNE	3	b	1017·3	*	57	−4	-	0	*	b	*	-	77	52				
Nice	1011·4	70	SW	1	c	1014·4	+1	72	0	-	0	*	b	2	-	84	63				
Perpignan ...	1015·8	77	-	0	b	1017·4	+1	64	−6	SW	1	-	b	*	-	88	59				
Sanguinaire ...	1013·2	77	NW	3	m	1014·3	*	75	+2	E	3	*	b	4	-	91	66				
IBERIA, &c.																					
Corunna	1018·6	68	SW	6	b	?	+2	66	+3	NNE	3	-	b	2	-	68	61				
Madrid	1012·6	?70	-	0	b	1017·1	+1	68	0	-	0	-	c	*	-	90	61				
Lisbon	1017·5	72	NNW	4	b	1018·4	+2	64	0	NNE	3	N	b	2	-	79	61				
Azores (Horta) ...	1024·7	*	SSW	4	b	1025·4	+1	68	+1	-	0	*	bc	1	-	77	67				
,, (P. Delgada)	1024·3	*	S	2	bc	1025·1	+1	64	−2	ENE	1	*	b	1	-	77	64				
Madeira	1021·4	75	NE	2	o	1022·3	0	66	−2	NE	2	-	bc	2	1	77	66				
Gibraltar	1017·3	73	W	4	b	1017·3	*	67	0	-	0	*	b	1	-	81	66				
Palma																					
MEDITERRANEAN.																					
Algiers																					
Malta	*	*	*	*	*	1014·3	+2	77	0	W	2	-	b	1	-	88	75				
Salonica	1008·3	79	NW	1	b	1010·4	+4	73	−1	-	0	-	b	*	-	97	68				
Athens	1010·8	79	NE	1	b	1010·2	+1	81	0	-	0	-	z	0	-	91	72				
Candia																					
Limassol	*	*	*	*	*	1009·8	0	84	+2	-	0	-	b	0	-	90	63				
Alexandria ...	1012·6	77	NNE	1	b	1013·5	+1	77	+2	-	0	N	bc	0	-	88	72				
Cairo (Helwan) ...	1011·9	84	NE	2	b	1013·4	+2	79	+6	-	0	-	b	*	-	93	72				
Jerusalem ...	*	72	WNW	4	b	*	*	77	+4	-	0	-	b	*	-	84	54				
Ramleh	1011·9	79	NW	1	b	1012·7	0	81	+2	-	0	-	b	*	-	90	63				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity: Statute miles per hour.	Limits of Velocity: Metres per second.
0	Less than 1	Less than 0·3
1	1– 3	0·3– 1·5
2	4– 7	1·6– 3·3
3	8–12	3·4– 5·4
4	13–18	5·5– 7·9
5	19–24	8·0–10·7
6	25–31	10·8–13·8
7	32–38	13·9–17·1
8	39–46	17·2–20·7
9	47–54	20·8–24·4
10	55–63	24·5–28·4
11	64–75	28·5–33·5
12	Above 75	33·6 or above

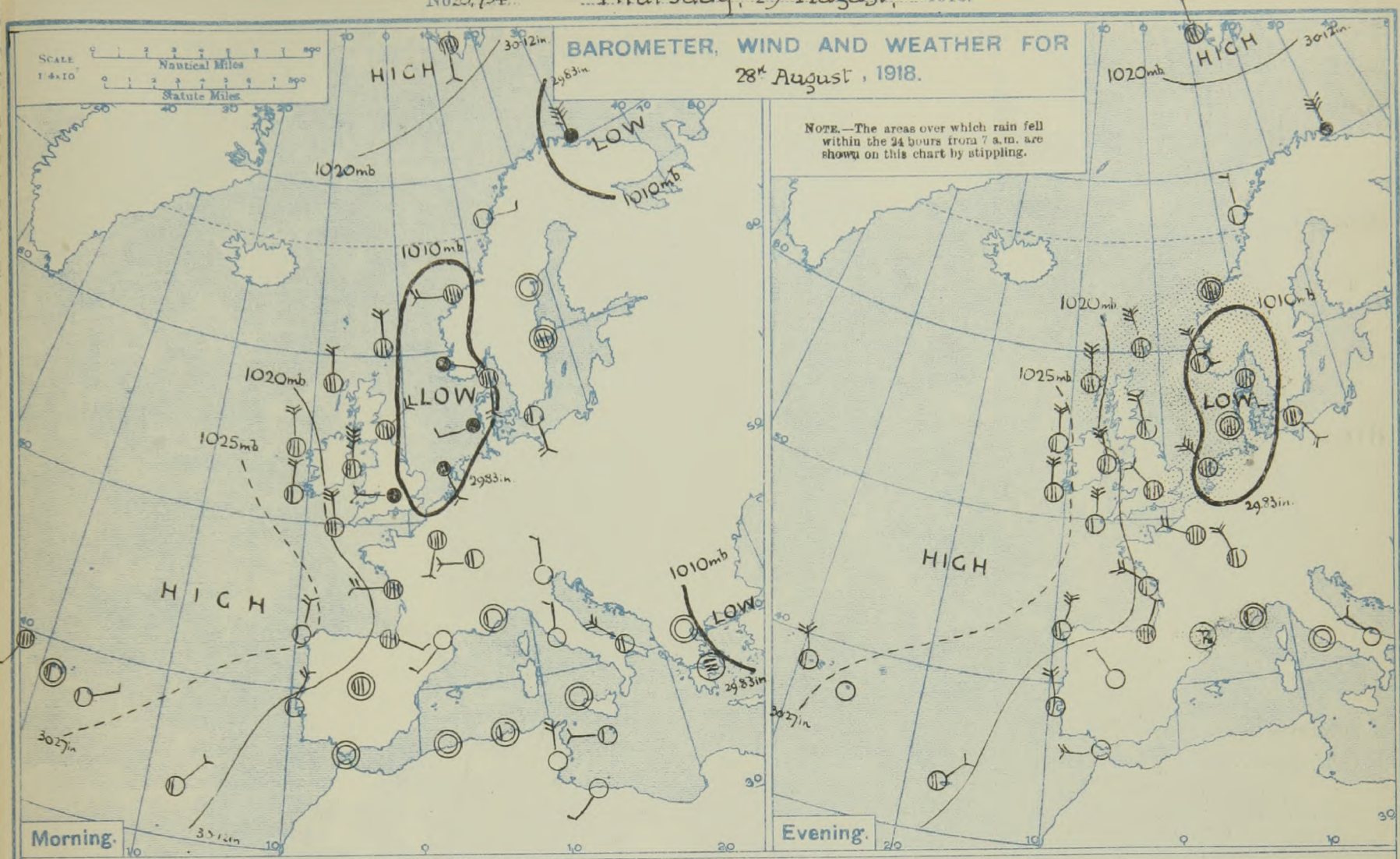
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. + Received too late for insertion in Charts ⁝ The barometric change is expressed in half-millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No 20,734. Thursday, 29th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 28TH AUGUST

	STATIONS.	Evening of 27TH: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 28TH: Barometer. Millibars at M.S.L.	Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1014·0	54	-	0	b	1013·2	*	48		NNE	4	c	*	*	*
	Stockholm ...	1014·7	50	NW	2	r	1013·8	*	57		-	0	0	*	*	*
	Wisby	1015·1	57	SW	2	b	1013·9	*	59		WSW	2	bc	*	*	*
ITALY.	Venice						1016·6	*	68	0	N	1	b	8	73	63
	Turin	1013·9	77	-	0	b	1017·1	*	66	-2	-	0	tl	-	88	64
	Pesaro						1016·1	*	?		W	1	?	1	88	61
	Leghorn ...						1013·8	*	73	-2	-	0	b	-	82	70
	Rome	1013·1	77	SW	1	b	1014·3	*	?		N	1	b	-	84	64
	Viesti						1014·7	*	?		WNW	1	c	4	84	54
	Brindisi	1010·7	?	SW	1	s	1012·1	*	73	0	NNW	4	bc	-	89	62
	Cagliari							*								
	Palermo	1012·9	77	-	0	b	1018·6	*	70	0	-	0	b	-	91	64
	Tripoli						1017·7	*	81	+8	SW	1	b	-	81	70

ICELAND.	Morning of 28TH: Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

29TH AND 30TH AUG. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	4·59	11·59	6·49
	5·0	11·59	6·47
Greenwich	5·9	12·1	6·53
	5·10	12·1	6·51
Wick	5·7	12·13	7·19
	5·9	12·13	7·16
Valencia	5·49	12·42	7·36
	5·50	12·42	7·34

LONDON

29TH AUGUST, 9h. G.M.T.

	Humidity 15 h. 28TH %	Humidity 9 h. 29TH %	Sunshine for 28TH Hours.	24 Hours ended 9 h. 29TH: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	70	67	0·6	66	53	40	-	o	o	c. bc. c.
CITY (Bunhill Row)	*	*		*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	77	74	1·0	66	53	49	-	*	*	*
" (Roof near Charing Cross) ..	66	62	0·9	66	54	*	-	mdo.	o. c.	*
CAMDEN SQ. (British Rainfall)	67	50	0·7	67	50	47	-	o	o. bc.	*
KENSINGTON PALACE	70	65	1·2	65	52	42	-	o	o	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 28TH

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
560	11·2	5·4

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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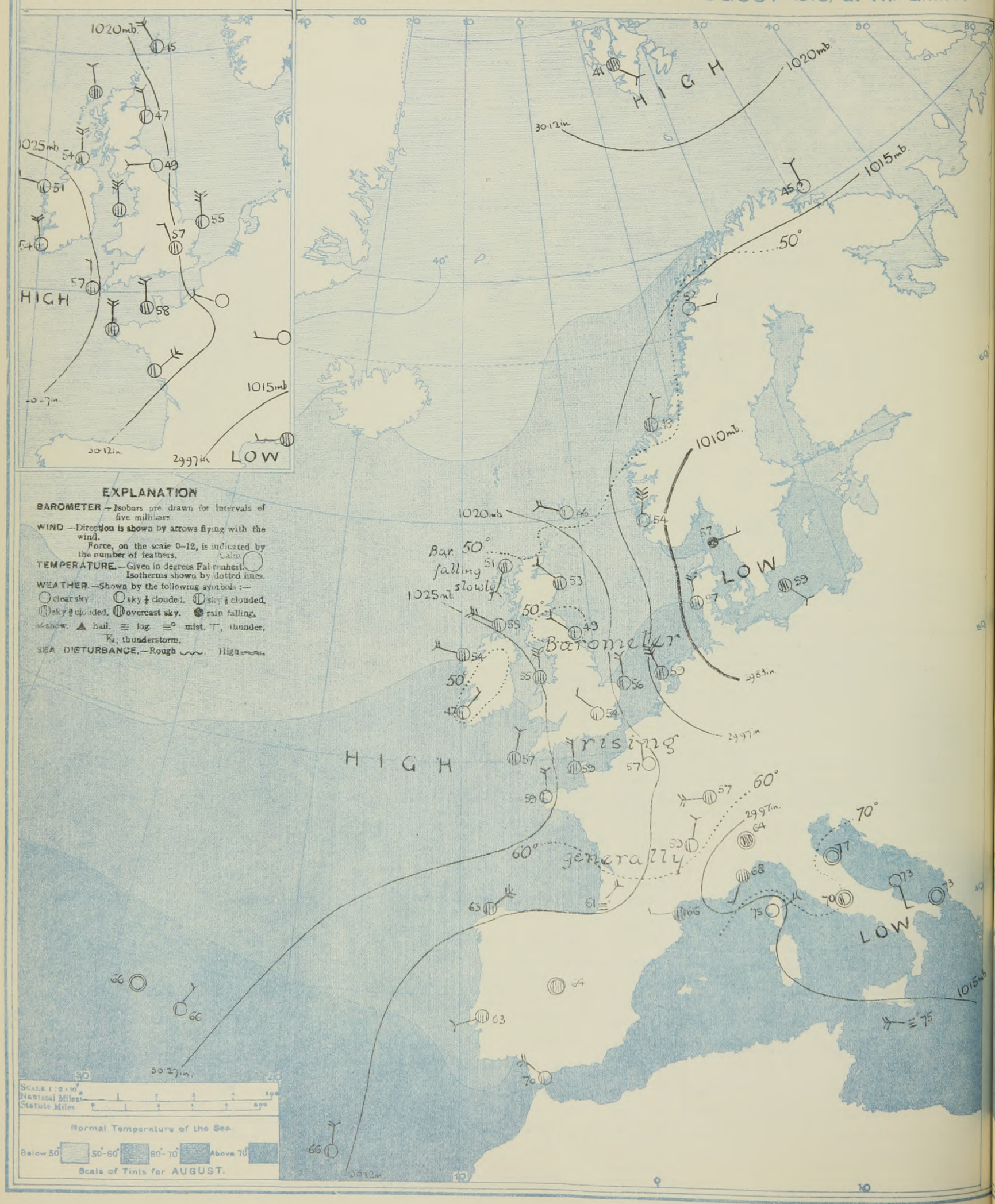
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

29th AUGUST at 1h. G.M.T.

THE MORNING OF THURSDAY, 29th AUGUST 1918, at 7h. G.M.T.



EXPLANATION

BAROMETER.—Isobars are drawn for intervals of five millibars.

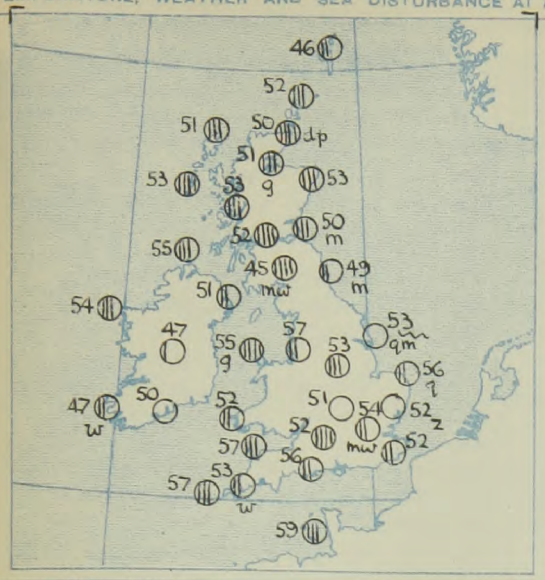
WIND.—Direction is shown by arrows flying with the wind.
Force, on the scale 0–12, is indicated by the number of feathers. Calm ◯

TEMPERATURE.—Given in degrees Fahrenheit. Isotherms shown by dotted lines.

WEATHER.—Shown by the following symbols:—
◯ clear sky. ◐ sky ¼ clouded. ◑ sky ½ clouded. ◒ sky ¾ clouded. ● overcast sky. ● rain falling. ✱ snow. ▲ hail. ≡ fog. ≡° mist. ⊤, thunder. ⊤ϟ, thunderstorm.

SEA DISTURBANCE.—Rough ∿∿. High ∿∿.

TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

Notes on the Weather of the 24 hours ended 7h. Today

Weather became fairer during the 24 hours, but slight showers fell at many stations. Sunshine measurements were rather better than on the previous day, and 11 hours were measured at Deerness. Temperature rose to between 60° and 65° in all parts. Thunder was heard at Eskdalemuir during the afternoon.

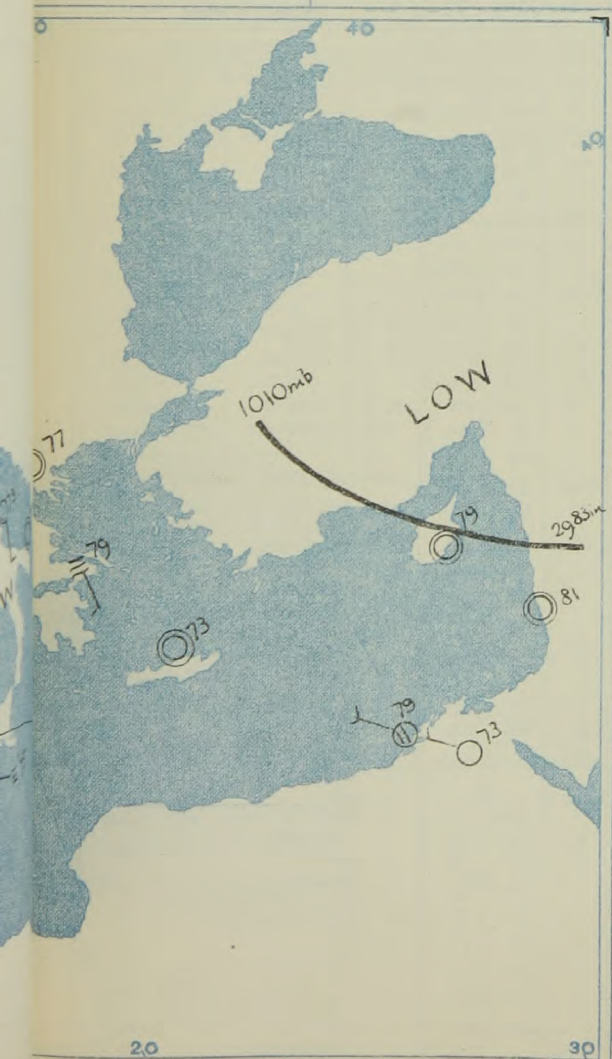
The Conditions at 7h. Today

A depression now lies over the Baltic, and an anticyclone off our south-west coast. There are indications of a fresh depression to the west of the Hebrides. Over the North Sea a rather steep gradient for Northerly winds prevails, but over this country the wind has dropped light, except at one or two isolated stations. There is much cloud in the north, but further south there are local areas with clear sky. Winds are light and weather fair over France.

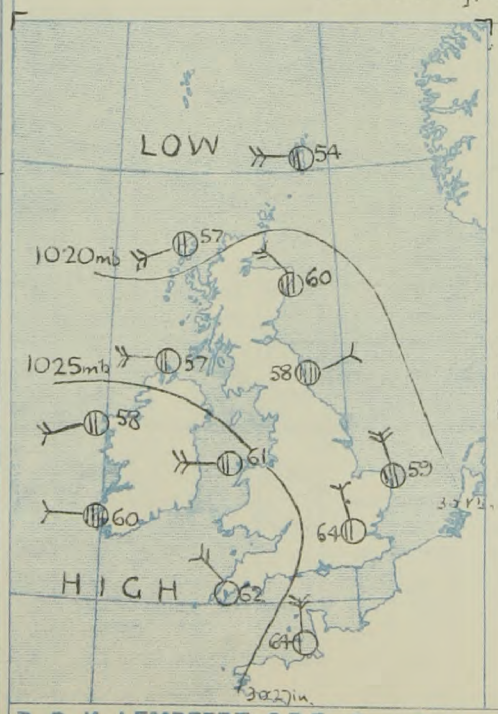
The Outlook

The new depression off the Hebrides is likely to affect the weather in the Northern parts of the British Isles, but in the south there is a prospect of fair conditions prevailing for the present.

J.H.H.



Thursday, 29th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



Pressure continues to rise slowly in the south, but the effect of the depression is being felt in Scotland where winds are freshening a little from W. and pressure shows a tendency to fall.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 241 { THURSDAY, 29th AUGUST.

	STATIONS.	EVENING OF 28th: Barom. Millibars at M.S.L.	Temp.	Wind Direc.	Wind Force 0–12.	Weather.	MORNING OF 29th: Barometer Millibars at M.S.L.	Change in 3 hours.‡	Temp. Dry Bulb.	Change in 24 hours.	Wind Direc.	Wind Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0–9.	24 HOURS ENDED 7 h 29th: Rainfall Millimetres.	Temp. Max.	Temp. Min.	Weather Morning.	Weather Afternoon.	Weather Night.	Sunshine for 28th
			°F.						°F.	°F.							°F.	°F.				Hours.
BRITISH ISLANDS.	Lerwick ...	1017·3	51	NNW	5	c	1019·5	0	46	-4	WNW	3	-	bc	2	1	54	43	bc	bc	c	*
	Deerness (Orkney)	1018·6	53	NNW	5	bc	1020·3	*	52	-1	WNW	3	NW	c	2	-	58	45	c.bc.b.	b.bc.	bc.cw.	11·1
	Stornoway ...	1021·7	54	N	5	c	1021·4	-2	51	-2	SSW	2	-	c	1	0·2	59	49	c.o.	o.c.	cz.	1·0
	Castlebay (Barra Isd.)						1023·0	0	53	-1	WNW	2	-	o	2	0·2	57	51			b.bc.o.	5·0
	Glasgow ...	1018·9	58	WNW	2	cv.	1023·2	+1	52	0	SW	2	-	o	*	0·4	65	48	c.bc.cv.	bc.c.op.	c.b.bc.c.	7·6
	Eskdalemuir ...	1018·2	57	N	1	op	1023·4	+1	45	-7	-	0	-	omw	*	2	64	40	b.bc.ow	ow.opl.	op.bcw	7·4
	Malin Head ...	1022·4	55	N	6	bcq	1024·6	0	55	+1	WNW	3	W	c	3	-	56	52	bcq.	bcq	c	4·7
	Blacksod Point	1025·8	55	N	4	bcv.	1026·4	0	54	+2	WNW	3	-	c	2	-	59	51	bc.	bcv.	bcv.bc.	*
	Valencia (Cahirciveen)	1026·6	58	N	4	c	1029·0	+1	47	-7	NE	1	N	bcw	3	-	61	46	c.bcy.	bcy	bc.bcw	5·3
	Roche's Point	1024·6	58	NNW	4	o	1028·3	*	50	-4	NNW	1	-	b	1	-	62	48	b.bc.c.	c.o.	o.b	*
	Birr Castle ...	1024·6	56	NW	2	c	1027·9	*	47	-5	NW	1	-	b	*	-	59	44	c	c.	c.b	1·9
	Donaghadee ...	1019·8	56	NNW	5	cfqp.	1023·5	+2	51	-3	WNW	2	-	bcm	2	Trace	60	50	f.mq.bf.	bf.mq.	bcmq.	*
	Liverpool (Bidston)	1018·8	58	NW	4	o	1023·2	+2	57	-1	WNW	3	NW	bc	3	0·3	62	55	c.o.bc.	c.o.	o.bc.	5·1
	Holyhead ...	1020·9	57	NNW	5	cg	1025·0	+1	55	0	N	5	-	og	4	Trace	61	54	opd.c.	c.bc.c.	c.og.	2·2
	Pembroke (St. Ann's)	1022·0	56	N	3	bc	1025·7	+1	52	-2	NW	2	NW	bc	1	-	61	51	oq.cq.	cq.bcq.	c.bv.bc	5·4
	Hartland Quay	1021·6	58	N	5	c	1025·3	+1	57	-1	N	4	-	c	4	-	59	57	c	o	c.b.o.c	*
	Scilly (St. Mary's)	1023·0	59	N	5	bc	1026·3	+1	57	+1	NNE	2	N	c	3	-	61	55	cq	cq.bc	c.	3·6
	Falmouth ...	1022·0	58	N	5	bcq.	1025·9	+2	53	-1	N	1	-	bcw	*	Trace	60	47	odm.o.	oq.cq	b.bcw	1·7
	Jersey (St. Aubin)	1018·7	63	WNW	4	b	1023·2	*	59	0	N	3	N	c	3	-	66	58	og.c.og.	og.c.b.	bc.	4·7
	Portland Bill ...	1017·4	63	NNW	4	bc	1023·0	+3	56	-3	N	3	N	bc	3	-	65	56	bc	bc	b.bc.	*
	Dungeness ...	1015·4	62	N	4	c	1021·6	+2	52	-8	NW	2	N	bc	2	4	66	46	c.or.	cp.c.	c.bc	*
	Wick	1019·4	55	NNW	4	bcq	1020·6	0	50	-4	WNW	2	-	opd	2	1	58	45	om.bcq	bcq.	bc.opd.	*
	Nairn	1019·3	56	NNE	3	cg	1021·3	*	51	-2	-	0	-	cg	0	2	61	48	hr.c.	c.bc.c	cpr.	3·5
	Aberdeen ...	1018·2	56	NNW	3	b	1021·2	0	53	0	WNW	2	NW	c	2	-	61	45	c.bcq.	bcy.bq.	bvw.c.	7·0
	Leith	1017·9	59	E	1	c	1021·9	+1	50	-5	SW	1	NW	cm	1	1	65	47	c.bc.b.	bcp.o.c.	cp.bc.	*
	Tynemouth ...	1016·8	58	NNW	3	bcm	1022·2	+2	49	-6	NW	2	-	bcm	3	-	61	47	cmq	bcm	bm	*
	Spurn Head ...	1015·0	58	N	6	bqm	1021·3	+1	53	-5	NW	6	-	bqm	6	-	60	51	cqp	cqp	cbq	2·3
	Yarmouth (Gorleston)	1013·6	57	NNW	6	c.	1019·0	+1	56	-2	N	3	-	bcq	3	2	64	50	omp.bc	bc.cqp	bcq	3·1
	Clacton-on-Sea	1015·4	59	NW	3	bc	1021·7	+3	52	-7	NW	3	N	bz	2	1	65	47	o.cp.bc	bc.c.bc.	bc.bz	2·4
	Nottingham ...	1017·2	62	N	1	cz.	1023·1	*	53	-4	NNW	1	N	c	*	1	64	50	o.c.	c.o	opd	1·9
	Benson (Oxon.) ...	1017·0	61	N	1	b	1023·4	+2	51	-6	-	0	-	b	*	-	64	48	o	bc	o.b.	*
	Sth Farnborough	1017·3	61	NW	2	oz	1023·1	+3	51	-6	NW	3	-	ome	*	1	66	46	or.o.	o.c.oz.	z.orme	1·2
	Salisbury Plain	1017·9	59	NNW	3	bc	1024·2	+3	52	-5	NW	2	NW	o	*	-	67	42	o.c.bc.b.	b.bc	b.bc.c.o	4·6
	London (Kew Obsy.)	1016·9	62	NW	2	o	1023·4	+3	54	-5	NW	1	N	bc	*	1	64	53	omd.o.	o.c.bc.c.o.	o.bc.bmw	1·3
NORTHERN EUROPE.	Spitsbergen ...	1022·7	41	N	2	c	1023·9	+1	41	+2	SE	2	*	o	*	*	43	36				
	Vardö	1012·2	45	N	6	r	1015·4	+1	45	+4	N	2	-	?	4	*	45	39				
	Bodö	1013·6	52	N	1	b	1014·3	0	52	+2	E	1	-	b	1	-	54	45				
	Christiansund ...	1011·5	50	-	0	o	1014·4	+1	48	-2	NNE	2	-	c	2	2	54	46				
	Skudesnaes ...	1009·8	54	NNW	4	bc	1010·4	0	54	-1	N	6	-	b	3	6	59	52				
	Færder (X'ania Fjord)	1009·2	57	ESE	5	o	1007·8	+1	57	-2	SE	6	-	r	3	11	61	57				
	The Scaw (Skagen)	1007·5	61	SSE	1	o	1006·7	+1	57	-4	E	1	-	r	1	2	64	57				
	Blaavands Huk	1009·2	59	-	0	o	1012·3	+3	57	0	N	4	NW	c	*	10	64	54				
	Copenhagen ...	1009·8	59	SSE	2	r	1007·8	0	59	-2	SE	2	-	c	*	1	63	59				
	Bornholm ...	1011·2	59	SE	3	c	1008·4	-1	59	0	SE	2	-	c	0	15	64	55				
FRANCE, &c.	The Helder ...	1008·8	61	NW	5	c	1014·7	+3	59	+2	NNW	6	-	c	4	12	63	55				
	C. Gris Nez ...	1015·2	59	N	5	c	1021·4	+3	55	-6	N	4	*	b	3	7	63	54				
	La Hève	1017·6	61	NNW	4	o	1022·6	*	57	-4	NNE	3	*	c		Trace	63	54				
	Brest (St. Mathieu)	1022·7	57	N	4	c	1025·5	+1	59	0	N	3	*	b	2	-	63	54				
	Rochefort (Ile d'Aix)	1018·4	64	NW	4	bc	1021·5	+2	61	-5	NE	4	*	bc	*	-	72	?				
	Biarritz	1019·4	66	NNE	2	o	1020·2	+2	61	-3	NE	3	*	m	3	2	79	61				
	Paris	1016·3	64	WNW	3	o	1021·5	+2	57	-2	N	2	-	b	*	-	73	50				
	Belfort	1014·8	66	NW	4	c	1019·8	*	57	+2	W	4	*	c	*	-	73	50				
	Lyons	1015·2	70	NNW	3	c	1018·5	*	59	+2	NNE	2	*	bc	*	-	82	57				
	Nice	1013·9	68	-	0	b	1013·9	0	68	-4	SW	1	*	o	0	Trace	79	61				
	Perpignan ...	1015·2	70	-	0	tlr	1017·9	+2	66	+2	W	1	-	o	*	1	90	64				
	Sanguinaire ...	1020·0	77	NW	3	r	1015·0	*	75	0	ENE	3	*	b		-	91	68				
IBERIA, &c.	Corunna	1020·3	66	NNE	5	bc	1021·9	+1	63	-3	NE	4	-	c	3	-	70	63				
	Madrid	1012·2	86	NW	1	b	1017·8	+3	64	-4	-	0	-	o	*	-	88	61				
	Lisbon	1016·6	70	NNW	4	bc	1015·8	-1	63	-1	WSW	2	-	o	2	-	77	61				
	Azores (Horta) ...	1025·8	*	NNW	4	bc	1027·2	+1	66	-2	-	0	*	b	1	-	79	68				
	,, (P. Delgada)	1025·4	*	SW	1	b	1025·6	+1	66	+2	NNE	1	*	b	1	-	77	64				
	Madeira	1021·1	73	NE	2	bc	1021·9	0	66	0	N	3	-	b	2	-	77	66				
	Gibraltar	1016·9	70	W	3	b	1015·9	*	70	+3	NW	4	*	bc	2	-	80	66				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1015·1	+1	75	-2	WNW	4	-	m	0	-	84	73				
	Salonica	1010·5	82	NW	4	b	1014·1	+4	77	+4	-	0	-	b	*	-	97	70				
	Athens	1012·0	77	-	0	b	1012·6	+2	79	-2	SSW	1	-	g	0	-	91	73				
	Candia	1012·6	75	-	0	b	1013·6	0	73	-8	-	0	-	b	0	-	84	66				
	Limassol	*	*	*	*	*	1010·6	0	79	-5	-	0	-	b	0	-	93	?				
	Alexandria ...	1013·6	77	-	0	b	1013·5	0	79	+2	NW	2	NW	bc	0	-	88	72				
	Cairo (Helwan) ...	1013·0	84	NE	1	b	1013·4	+2	73	-4	NW	1	-	b	*	-	93	68				
	Jerusalem ...	*	72	NW	3	b	*	*	73	-4	NNW	1	-	b	*	-	84	64				
	Ramleh	1012·6	79	NW	1	b	1013·0	+1	81	0	-	0	-	b	*	-	90	68				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

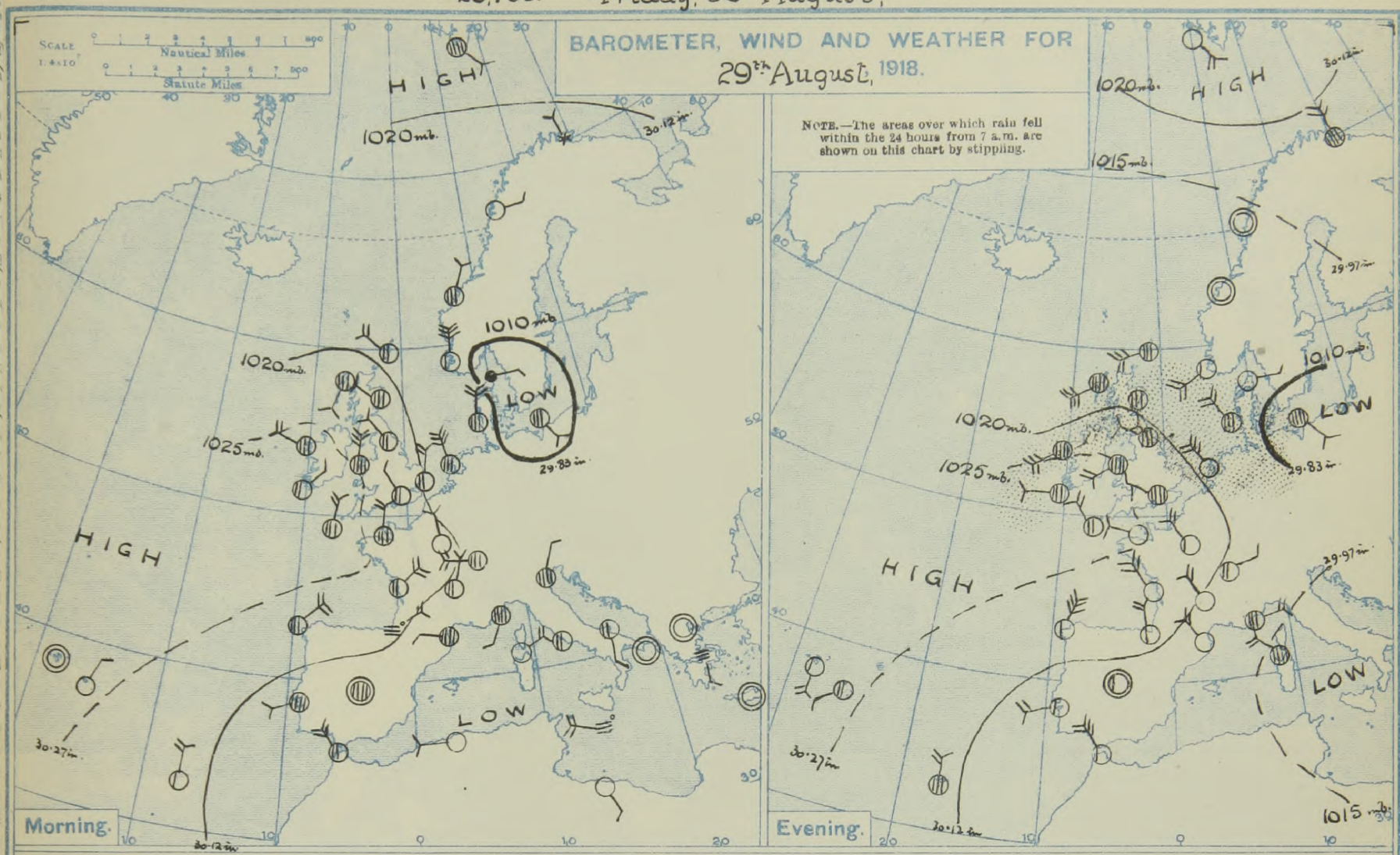
BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half millibars

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20,735. Friday, 30th August, 1918.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 29TH AUGUST

	STATIONS.	Evening of 28th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 29th: Barometer Millibars at M.S.L.	Change in 3 hours ‡	Temp. Dry Bulb. °F.	Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1012·8	52	-	0	bc	1015·3	*	48	0	N	4	b	*	*	*
	Stockholm ...	1012·8	57	-	0	c	1018·8	*	57	0	-	0	b	*	*	*
	Wisby	1013·4	57	SW	2	b	1012·3	*	59	0	?	?	b	*	*	*
ITALY.	Venice						1014·1	*	68	0	NE	1	c	-	77	64
	Turin	1013·7	72	-	0	b	1013·0	*	64	-2	-	0	0	-	81	64
	Pesaro	1014·5	?	-	0	b	1013·5	*	77		-	0	b	-	79	?
	Leghorn ...						1014·2	*	?		?	?	b	-	82	72
	Rome	1015·4	?	-	0	c	1015·5	*	70		-	0	bc	-	84	64
	Viesti	1014·5	73	NW	1	b	1014·6	*	73		S	1	b	-	81	64
	Brindisi	1014·6	73	NW	2	b	1015·1	*	73	0	-	0	b	-	75	68
	Cagliari							*								
	Palermo							*								
	Tripoli						1018·4	*	?		SSE	1	?	-	91	70

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind Direc.	Wind Force 0–12.	Weather.
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

30th and 31st Aug 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5·0	11·54	6·47
	5·2	11·53	6·44
Greenwich	5·10	12·1	6·51
	5·12	12·0	6·48
Wick	5·9	12·13	7·16
	5·11	12·12	7·13
Valencia	5·50	12·42	7·34
	5·52	12·41	7·31

LONDON 30th August. 9h. G.M.T.	Humidity 15 h. 29th	Humidity 9 h. 30th	Sunshine for 29th	24 Hours ended 9 h. 30th: Temperature Max.	Temperature Min.	Temperature Min. on Grass.	Rainfall.	Weather Morning.	Weather Afternoon.	Weather Night.
	%	%	Hours.	°F.	°F.	°F.	mm.			
GREENWICH (Royal Observatory)	59	80	7·5	68	47	34	-	b. bc.	o	c. bc. co
CITY (Bunhill Row)	*	*	7·6	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	65	77	8·0	68	47	?	-	*	*	*
" (Roof near Charing Cross) ..	53	79	8·9	69	50	*	-	bm. b.	bc. o	*
CAMDEN SQ. (British Rainfall)	56	78	6·2	69	47	45	-	bc.	c.	*
KENSINGTON PALACE	57	77	7·8	66	47	37	-	c	c. o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 29th

Total.	Average Rate.	Max. Rate.
Joules.	Milliwatts.	Milliwatts.
1290	26	65

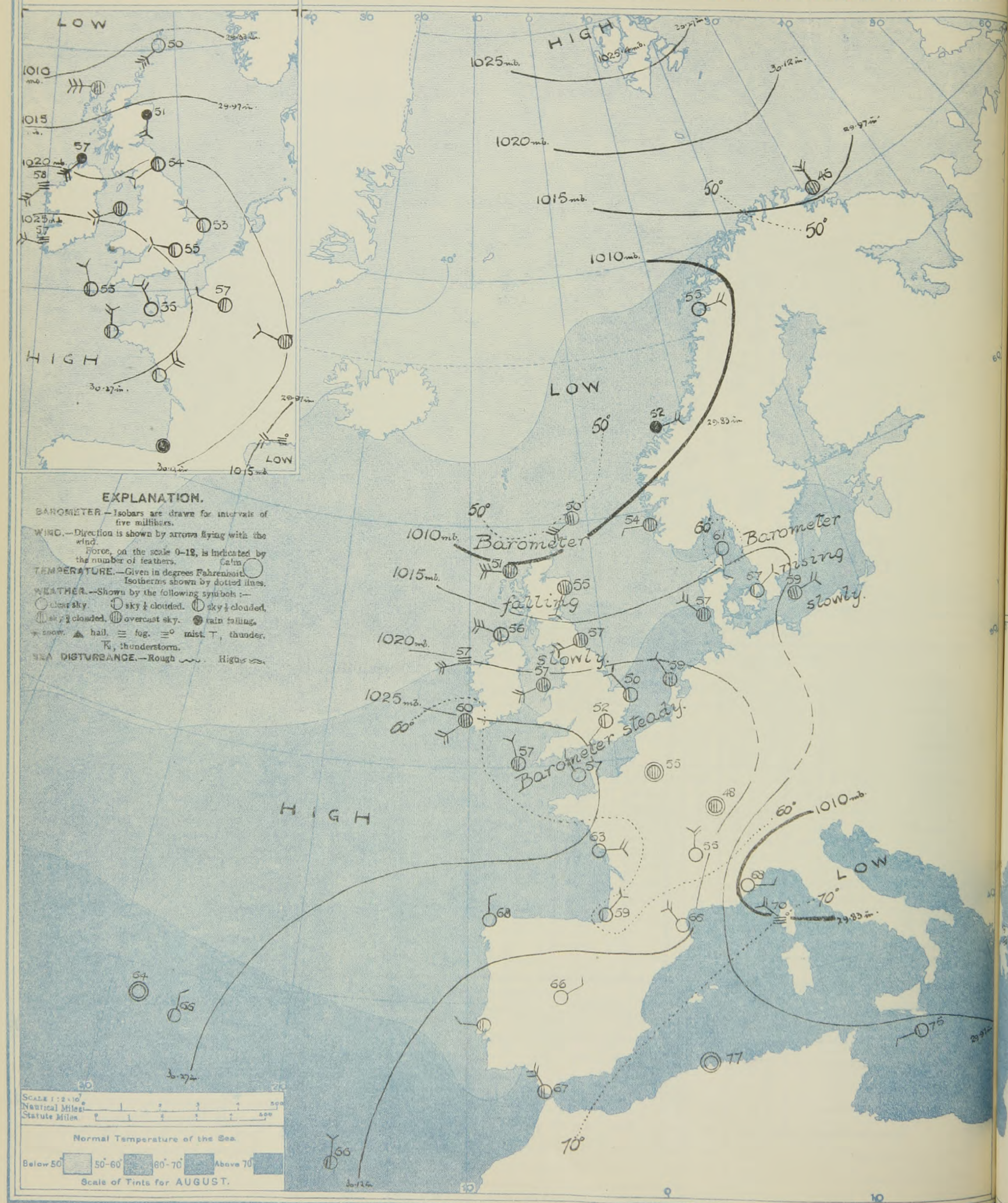
The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

Printed at the Meteorological Office, South Kensington, London, S.W.7.
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

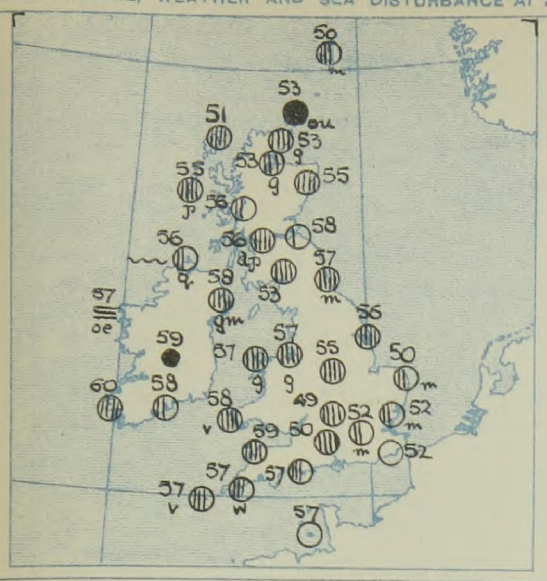
‡ The barometric change is expressed in half-millibars.

30th AUGUST at 1h. G.M.T.

THE MORNING OF FRIDAY, 30th AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.

NOTES.

Aberdeen: Solar Halo 29th at 18h.

Notes on the Weather of the 24 hours ended 7h. Today

Under the influence of the northern depression showery or rainy weather was experienced in Scotland, but further south conditions were fairer, with sunshine measurements up to nearly 10 hours at several stations, and 12 hours at Pembroke. Temperature rose to 60° or 65° over the whole country during the day, but fell to 41° at night at Benson, and 39° on Salisbury Plain.

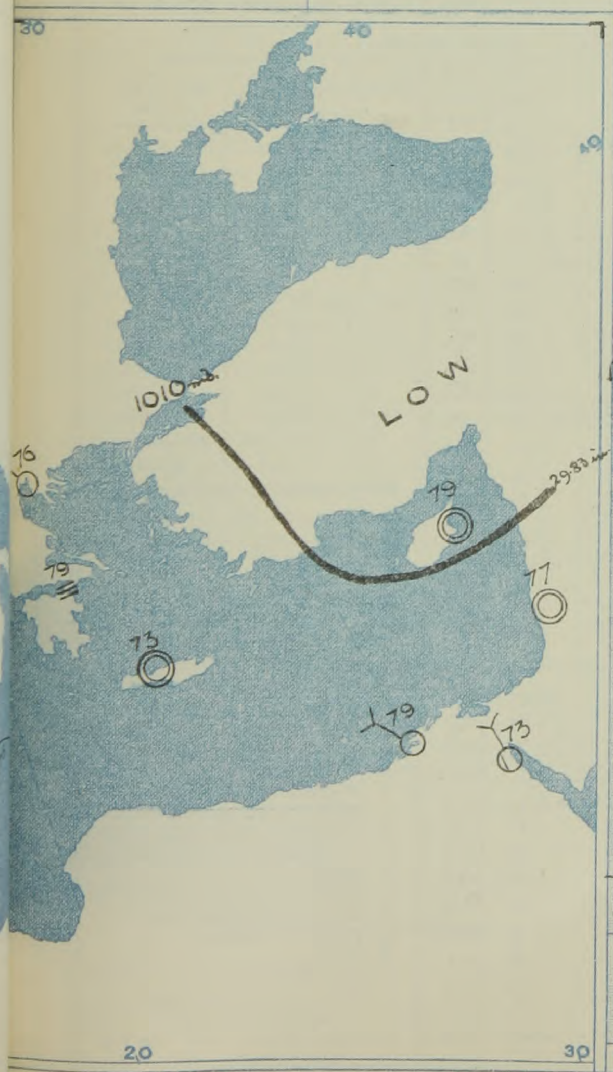
The Conditions at 7h. Today

A depression lies to the northward of Scotland, while an anticyclone stretches from our south-west coasts to the Azores. Between these two systems W. winds prevail over the British Isles, fresh at the more exposed coast stations, but generally of moderate force. In the south-east of England and on the neighbouring parts of the Continent very light airs prevail. A depression over Northern Italy is causing a steep gradient over the Alpine region. There is much cloud over the British Isles at a height of 5000 to 10,000 feet, but rain is only reported from one or two isolated stations. In the Straits of Dover clearer skies prevail.

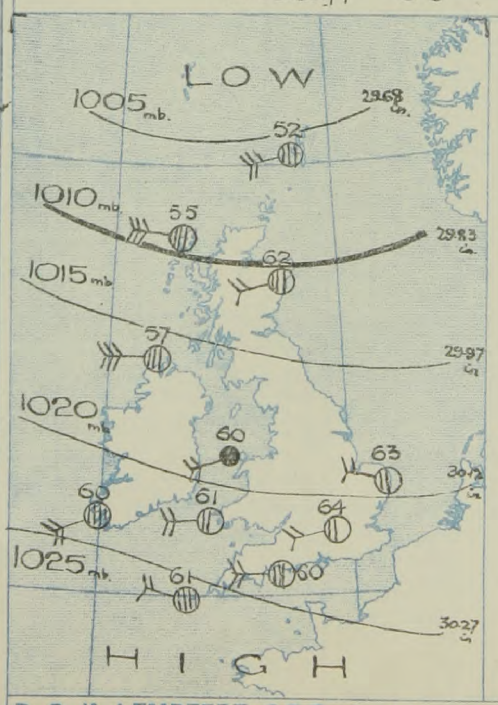
The Outlook

The whole country will come under the influence of the depression in the north, or of secondaries which are likely to move in from the Atlantic, so that a generally unsettled type of weather is anticipated.

A. H.



Friday, 30th AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



Pressure is falling slowly and uniformly over the whole country as the depression spreads southwards. Little rain is falling as yet but there is much cloud.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H. G. LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 242 { FRIDAY, 30TH AUGUST.

	STATIONS.	Evening of 29th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 30th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h 30th: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 29th. Hours.
BRITISH ISLANDS.	Lerwick ...	1016.0	51	WSW	5	c	1008.5	-3	50	+4	SW	5	-	cm	4	2	54	45	bc.	c	om	*
	Deerness (Orkney)	1016.6	55	SSW	3	ou	1009.1	*	53	+1	SW	4	-	ouf	3	2	57	51	c.o.	o.	or.or.	2.2
	Stornoway ...	1015.8	56	SW	6	oq	1011.0	-3	51	0	W	5	-	o	4	4	60	50	c.bc.	bc.oq.	or.oq.	1.0
	Castlebay (Barra Isd.)	1019.3	57	W	5	o	1014.9	-1	55	+2	WNW	4	-	ofp	4	1	58	53	o.bc.	c.o.	or.of.	5.0
	Glasgow ...	1022.3	50	WSW	4	o	1015.7	-3	56	+4	W	3	W	odp	*	5	59	51	o.c.o.	o.	oc.or.c	0.6
	Eskdalemuir ...	1022.8	53	W	2	ofp	1017.4	-2	53	+8	SSW	4	-	o	*	2	60	44	omwcy	oy.o.	pc.omw	3.8
	Malin Head ...	1021.9	57	SW	5	cq	1016.8	-2	56	+1	WNW	5	NW	bcq	5	2	59	53	bcqp	bcqp	omqd	2.3
	Blacksod Point	1025.2	58	SW	5	cg	1020.0	0	57	+3	WSW	5	-	ofe	4	1	60	54	bcv.	cv.	omofe	*
	Valencia (Cahirciveen)	1028.9	58	W	2	c	1025.6	-1	60	+13	SW	4	-	o	3	2	62	46	bc.c.o.	o.c.	c.or.o.	2.9
	Roche's Point	1028.0	59	NW	2	o	1025.7	*	58	+8	SW	2	NW	bc	2	0.2	64	50	bc c.o.	o.c.o.	o bc	*
	Birr Castle ...	1026.5	57	W	2	o	1022.5	*	59	+12	W	1	-	r	*	0.3	60	46	c.	c.o.	om	3.0
	Donaghadee ...	1023.5	57	W	3	ogm	1018.1	-2	58	+7	W	1	-	ogm	1	-	59	50	cg.	ogm	ogmcg	*
	Liverpool (Bidston)	1024.4	57	WNW	3	b	1021.7	0	57	0	SW	2	-	og	2	-	60	54	c.o.	bc	og	5.7
	Holyhead ...	1025.7	57	WSW	3	og	1021.8	-1	57	+2	WSW	4	-	og	3	-	63	54	o.c.bc.b	b.bc.c.o.	o.c.o.	7.0
	Pembroke (St. Ann's)	1027.0	58	W	2	b	1024.9	0	58	+6	W	3	-	ov.	2	-	60	52	bc.	c.bc.bv.	bv.c.ov.	12.1
	Hartland Quay	1026.9	59	NNW	3	b	1026.3	0	59	+2	W	3	-	o	3	-	60	57	c.b.bc	c.bc.b	b.o.	*
	Scilly (St. Mary's)	1028.5	58	NNW	3	bc	1027.9	0	57	0	NNW	2	NW	cv.	3	-	63	53	c.bc.	bc.	bc.cv.	8.8
	Falmouth ...	1027.0	59	NNW	4	bv.	1027.1	+2	57	+4	WNW	2	NW	cw	*	Trace	65	49	bcy.cy.	bcy.bv.	bw.c.	9.2
	Jersey (St. Aubin)	1025.1	61	WNW	2	b	1025.5	*	57	-2	NW	1	-	b	1	-	65	52	c.b.	b.	bw.	9.8
	Portland Bill ...	1024.2	62	W	2	b	1024.3	0	57	+1	-	0	-	c	3	-	66	52	bc.b	b	b.bc	*
	Dungeness ...	1022.5	64	NNE	3	bc	1023.2	+1	52	0	NNW	2	-	b	2	-	67	50	bc.	c.bc	c.o.bc.	*
	Wick	1017.1	57	W	3	o	1010.2	-3	53	+3	S	2	-	og	1	1	59	50	ofd.	o.	o.bc.	*
	Nairn	1017.4	58	W	2	bcq.	1012.0	*	53	+2	W	1	-	cg	1	-	62	50	c.bc	bcq	qcgf.	3.7
	Aberdeen ...	1019.2	56	S	2	c	1012.2	-2	55	+2	SSW	2	-	o	2	4	61	52	c.cy.	cyv.c.	bc.b.or	1.2
	Leith	1021.0	59	WSW	2	bc	1014.8	-3	58	+8	SW	3	W	b	2	1	63	50	cm.c.bc	b.	bc.b.	*
	Tynemouth ...	1020.7	59	WNW	2	cm	1017.3	-2	57	+8	WSW	3	-	om	3	1	59	49	cm	bcm	omfom	*
	Spurn Head ...	1022.6	57	ESE	2	cv	1020.8	0	56	+3	W	3	-	o	3	-	59	52	cv.	cv.	bcq.v.o.	5.2
	Yarmouth (Gorleston)	1021.9	55	NNW	3	o	1021.4	+1	50	+6	NW	2	-	bcm	3	0.2	62	48	bc.cq	cq.o.	om.bcm	3.9
	Clacton-on-Sea	1022.5	59	NW	1	og	1022.4	0	52	0	WNW	2	-	bcm	1	-	64	48	bz.bcy	bcy. og.	og.bcm	9.9
	Nottingham ...	1022.9	?	NW	2	c	1021.8	*	55	+2	WSW	2	W	o	*	-	66	49	c.o.	c.o.	bc.b.	3.5
	Benson (Oxon.) ...	1023.2	63	W	1	bc	1024.3	0	49	-2	SW	1	-	o	*	-	65	41	bc.	bc.	o	*
	Sth Farnborough	1023.4	63	WNW	2	bc2	1024.3	0	49	-2	W	1	NW	bw	*	-	67	43	o.bc.c.	c.bc2.	bc.b.o.bw	6.5
	Salisbury Plain	1023.9	63	WNW	3	b	1025.0	0	50	-2	WNW	1	W	o	*	-	66	39	o.c.b.bc	bc.byz	b.bc.o.	8.2
	London (Kew Obsy.)	1023.3	62	WNW	1	o	1024.2	0	52	-2	SW	1	W	bcm	*	-	67	48	bcmw.b.	bc.o	o.bc.bcm	8.0
NORTHERN EUROPE.	Spitsbergen ...	1024.4	37	SE	3	b	1025.4	0	?	?	?	?	*	?	*	*	41	30				
	Vardö	1018.8	45	N	4	o	1016.6	0	46	+1	N	4	-	o	3	*	46	41				
	Bodö	1013.1	50	-	0	b	1009.8	-2	55	+3	E	3	-	b	2	-	54	46				
	Christiansund ...	1013.2	54	-	0	b	1008.2	-3	52	+4	E	3	-	r	2	6	57	48				
	Skudesnaes ...	1014.4	54	SW	5	b	1012.6	-1	54	0	W	1	-	o	2	-	59	50				
	Færder (X'iania Fjord)	1014.2	61	S	2	b	1013.6	-1	61	+4	S	2	-	o	1	-	63	55				
	The Scaw (Skagen)	1011.2	61	E	1	c	1014.3	+1	61	+4	S	1	-	b	1	6	61	55				
	Blaavands Huk	1013.5	57	NNW	4	c	1016.3	+1	57	0	NW	3	-	o	*	-	59	54				
	Copenhagen ...	1010.0	59	ENE	2	o	1015.4	+2	57	-2	NE	2	-	b	*	3	61	55				
	Bornholm ...	1009.5	59	ESE	2	m	1014.0	+3	59	0	ENE	3	-	c	0	10	61	55				
FRANCE, &c.	The Helder ...	1019.0	61	NW	5	c	1020.6	0	59	0	NW	2	-	c	1	Trace	61	55				
	C. Gris Nez ...	1022.7	59	NNE	3	c	1023.8	+2	55	0	NW	2	*	b	2	-	66	52				
	La Hève	1025.0	59	NW	1	b	1024.4	*	59	+2	NNW	2	*	c	3	-	64	54				
	Brest (St. Mathieu)	1026.8	61	N	4	b	1027.8	0	54	-5	NNE	2	*	b	2	-	66	52				
	Rochefort (Ile d'Aix)	1022.0	68	NW	4	b	1024.3	+1	63	+2	E	3	*	b	*	-	79	59				
	Biarritz	1020.8	70	N	3	b	1022.4	0	59	-2	NE	2	*	b	+	-	79	57				
	Paris	1022.6	64	N	4	b	1024.8	+1	55	-2	-	0	-	o	*	Trace	70	54				
	Belfort	1018.7	61	-	0	bc	1024.6	*	48	-9	-	0	*	c	*	-	70	46				
	Lyons	1019.0	64	NNW	3	b	1022.6	*	55	-4	N	3	*	b	*	-	74	52				
	Nice	?1016.3	72	E	3	c	1007.6	+2	68	0	E	1	*	b	1	-	81	59				
	Perpignan ...	1017.4	73	NW	3	b	1020.8	+2	66	0	NW	3	NW	b	*	-	79	61				
	Sanguinaire ...	1013.8	75	NW	3	o	1010.4	*	70	-5	NW	3	*	m		-	84	66				
IBERIA, &c.	Corunna	1020.4	68	NNE	6	b	1021.4	+1	68	+5	N	1	-	b	1	-	72	63				
	Madrid	1010	86	-	0	b	1019.9	+2	66	+2	NE	1	-	b	*	-	88	63				
	Lisbon	1015.1	70	WSW	3	b	1016.0	0	?72	?+9	W	1	-	bc	2	-	?	?				
	Azores (Horta) ...	1026.6	*	S	3	b	1028.3	+1	64	-2	-	0	*	b	1	-	79	64				
	,, (P. Delgada)	1025.9	*	SW	1	bc	1026.2	0	66	0	N	1	*	b	1	-	77	64				
	Madeira	1020.8	75	N	3	c	1020.6	-1	66	0	N	2	-	bc	2	-	75	66				
	Gibraltar	1016.6	71	NW	5	b	1016.6	*	67	-3	NW	4	*	bc	2	-	79	65				
	Palma																					
MEDITERRANEAN.	Algiers	1017.2	79	W	5	o	1016.8	0	77	0	-	0	-	b	0	Trace	90	72				
	Malta	*	*	*	*	*	1015.5	+2	75	0	W	1	-	b	0	-	81	70				
	Salonica	1013.2	77	SE	1	b	1012.1	0	76	-1	NW	1	-	b	0	-	88	69				
	Athens	1013.5	77	-	0	b	1011.9	-1	79	0	-	0	-	f	0	-	88	72				
	Candia	1012.7	75	-	0	b	1013.0	0	73	0	-	0	-	b	0	-	88	68				
	Limassol	*	*	*	*	*	1009.6	?	79	0	-	0	-	b	0	-	90	55				
	Alexandria ...	1013.8	77	N	3	b	1013.5	0	79	0	NW	2	-	b	1	-	88	73				
	Cairo (Helwan) ...	1012.6	84	N	2	b	1013.5	+2	73	0	N	2	-	b	*	-	93	70				
	Jerusalem ...	*	72	WNW	3	b	*	*	72	-1	-	0	-	b	*	-	84	61				
	Ramleh	1012.4	77	NW	1	b	1012.6	+1	77	-4	-	0	-	b	*	-	90	64				

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

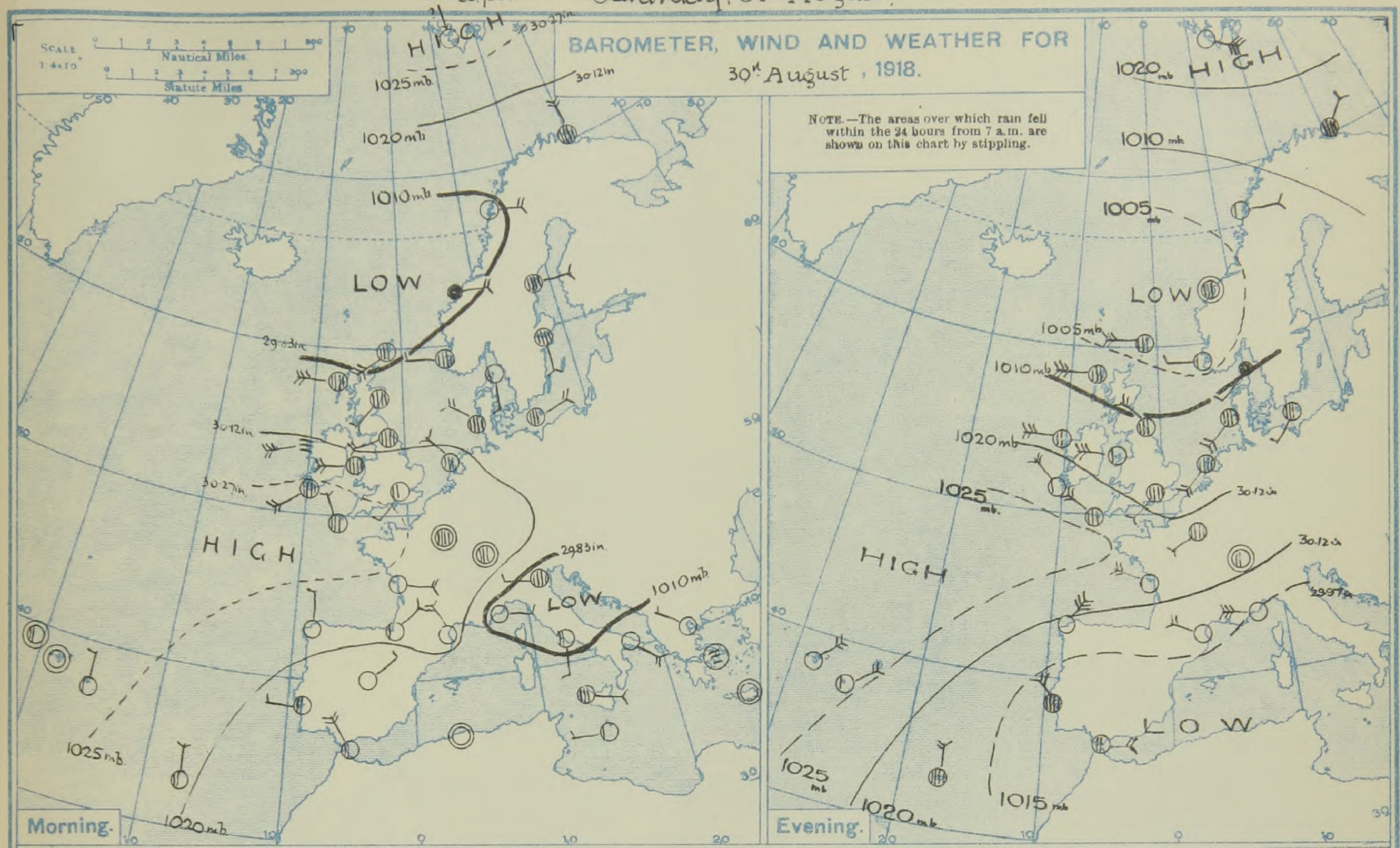
b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls.
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

METEOROLOGICAL OFFICE, LONDON: DAILY WEATHER REPORT.

No. 20736. Saturday, 31st August 1918.

BAROMETER, WIND AND WEATHER FOR 30th August, 1918.

NOTE.—The areas over which rain fell within the 24 hours from 7 a.m. are shown on this chart by stippling.



WEATHER TELEGRAMS FROM FOREIGN STATIONS OF 30TH AUGUST

	STATIONS.	Evening of 29th: Barom. Millibars at M.S.L.	Temp. °F.	Wind Direc.	Wind Force 0–12.	Weather.	Morning of 30th: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.	Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.
RUSSIA.	Archangel ...														*	
	Petrograd ...															
	Moscow														*	
SWEDEN.	Hernösand ...	1013.4	52	-	0	b	1010.6	*	59	+11	E	2	0	*	*	*
	Stockholm ...	1014.7	59	E	2	bc	1011.6	*	52	-5	S	2	0	*	*	*
	Wisby	1012.8	59	E	2	b	1012.7	*	59	0	SW	8	b	*	*	*
ITALY.	Venice							*								
	Turin	1011.3	68	-	0	b	1010.3	*	59	-5	-	0	bc	Trace	75	57
	Pesaro							*								
	Leghorn ...							*								
	Rome	1014.9	73	S	1	c	1008.6	*	73	+3	S	1	bc	Trace	84	70
	Viesti	1012.7	75	SE	1	b	1010.3	*	?		?	?	b	?	81	61
	Brindisi	1013.5	75	SSE	2	b	1010.7	*	61	-12	SE	3	b	-	81	61
	Cagliari							*								
	Palermo	1016.9	?	-	0	b	1013.1	*	70		ESE	2	c	-	88	61
	Tripoli							*								

Morning of 30th

ICELAND.	Barom. Millibars at M.S.L.	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0–12.	Weather.
Isafjord ...						
Reykjavik						
Vestmanna						
Seydisfjord						
Thorshavn						

TABLE SHOWING THE GREENWICH TIMES OF SUNRISE, NOON AND SUNSET FOR STATIONS IN THE UNITED KINGDOM

31st Aug. and 1st Sept. 1918.	Sunrise. G.M.T.	Noon. G.M.T.	Sunset. G.M.T.
Yarmouth	5.2	11.53	6.44
Greenwich	5.12	12.0	6.48
Wick	5.11	12.12	7.13
Valencia	5.52	12.41	7.31

LONDON 31st August 9h. G.M.T.	Humidity 15 h. 30th %	Humidity 9 h. 31st %	Sunshine for 30th Hours.	24 Hours ended 9 h. 31st: Temperature Max. °F.	Temperature Min. °F.	Temperature Min. on Grass. °F.	Rainfall. mm.	Weather Morning.	Weather Afternoon.	Weather Night.
GREENWICH (Royal Observatory)	67	62	2.7	69	55	50	-	o. c.	o. c.	o.
CITY (Bunhill Row)	*	*	2.3	*	*	*	*	*	*	*
WESTMINSTER (St. James's Park)	70	65	2.8	67	55	?	-	*	*	*
" (Roof near Charing Cross)	65	65	2.6	67	56	*	-	om	o. c. o	*
CAMDEN SQ. (British Rainfall)	62	64	?	69	51	50	-	bc	bc	*
KENSINGTON PALACE	60	69	2.8	67	54	49	-	c.	c. o.	*

NOTE.—The thermometers at Greenwich and Camden Square are in Glaisher screens.

SOUTH KENSINGTON (M.O.)

Vertical Component of Solar Radiation per square Centimetre during 30th

Total. Joules.	Average Rate. Milliwatts.	Max. Rate. Milliwatts.
940	19.1	75.5

The Daily Weather Report is sent free by post to any address in the United Kingdom on payment of £1 per annum, for postage and wrappers. Single copies 1d. at Meteorological Office.

‡ The barometric change is expressed in half-millibars.

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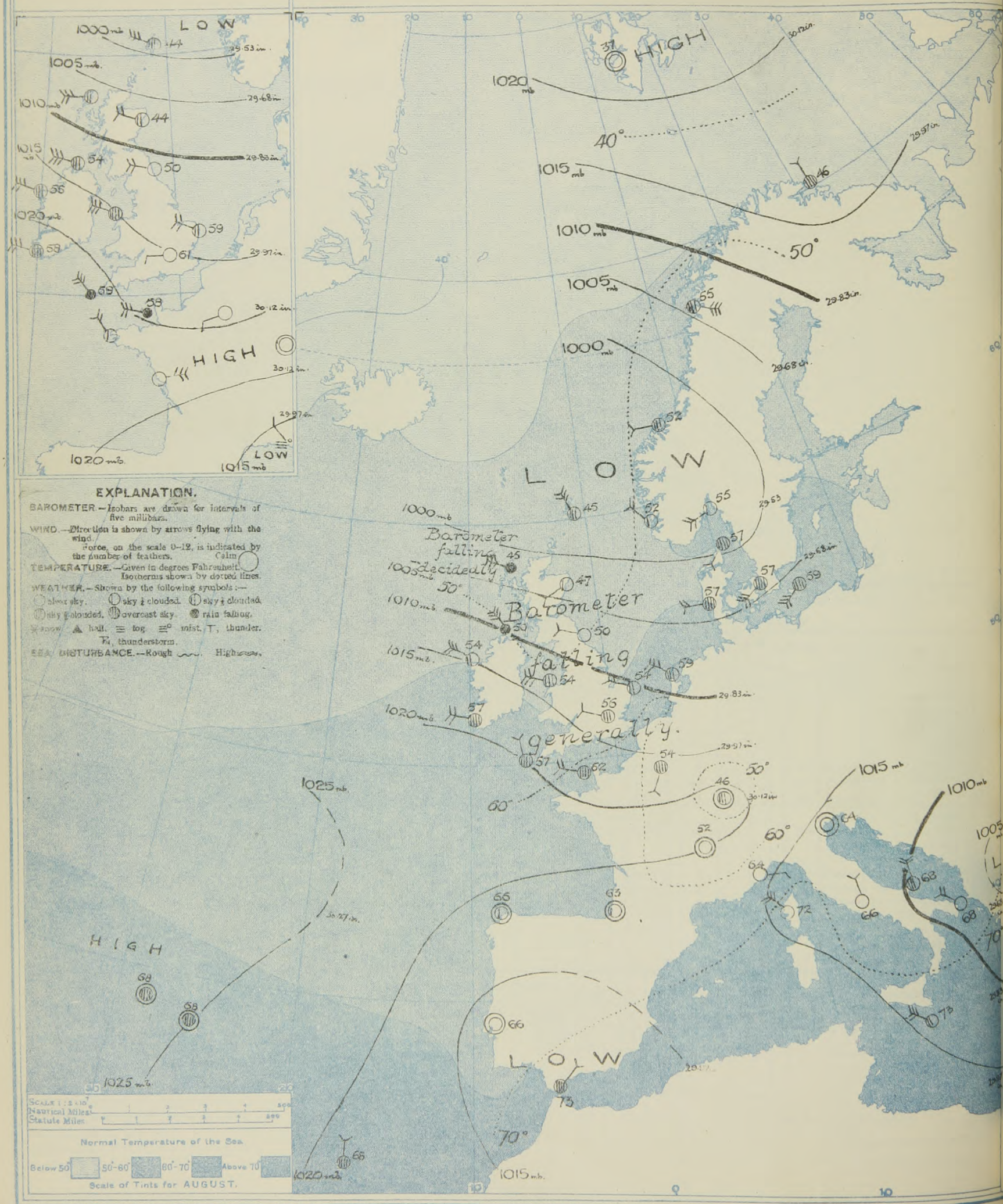
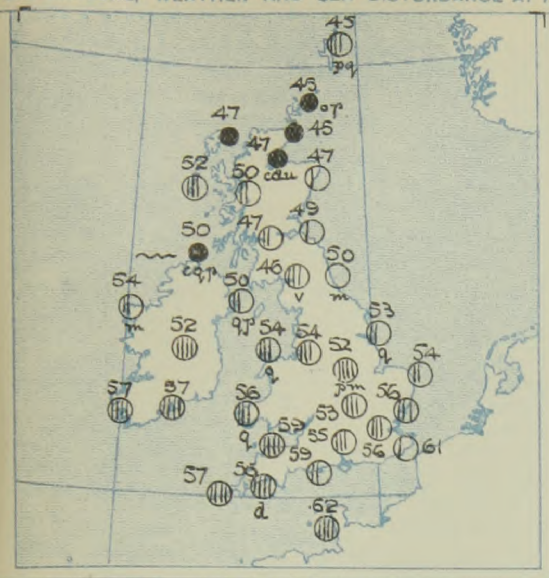
By WYMAN & SONS LTD., Fetter Lane, London, E.C., and Reading.

31st AUGUST at 1h. G.M.T.

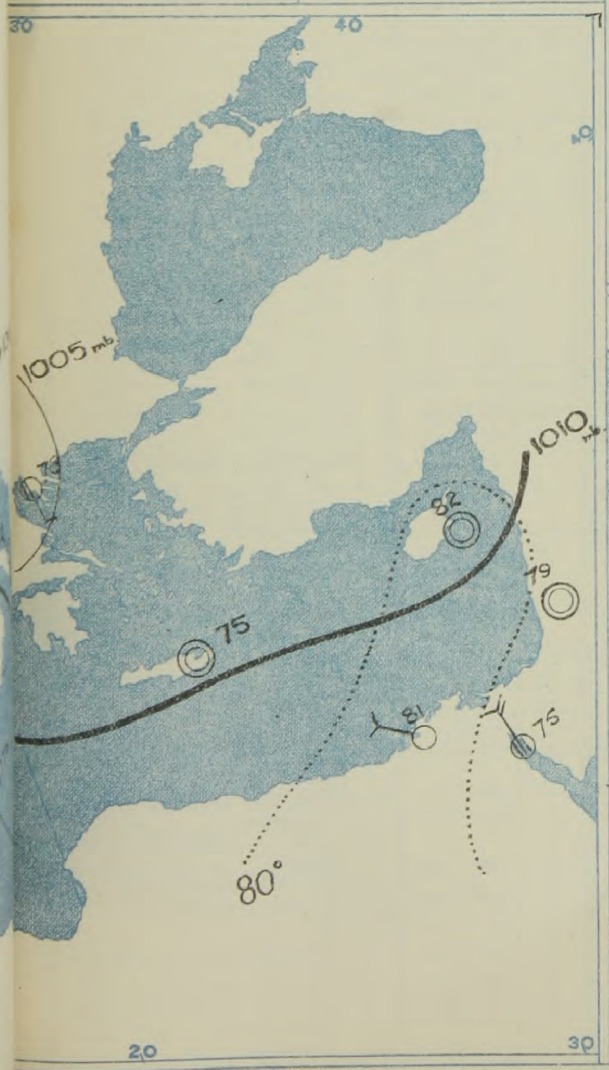
THE MORNING OF SATURDAY, 31st AUGUST 1918, at 7h. G.M.T.



TEMPERATURE, WEATHER AND SEA DISTURBANCE AT 7h.



GALES.



Notes on the Weather of the 24 hours ended 7h. Today

Showery weather was experienced at many stations particularly in the north, but the rainfall measurements were small except at Stornoway where 9 mm. was recorded. 8¾ hours of sunshine was measured in Jersey but only a few hours at other stations. Temperature rose to about 65°, but to rather less than this in Scotland.

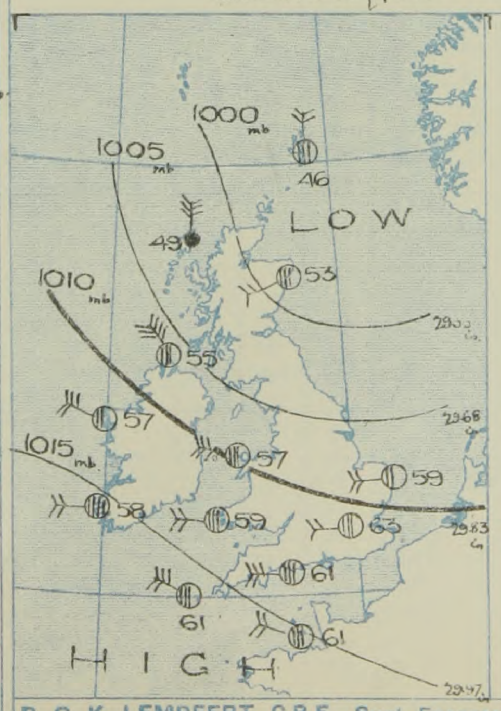
The Conditions at 7h.

A depression still lies northward of the British Isles and an anticyclone, which has decreased in intensity, extends from the Bay and Central France westward to the Azores. A gradient for WNW. winds covers the whole British Isles with strong surface winds on our north-west coasts and moderate or fresh breezes elsewhere. Rain is falling in parts of Scotland and there is much cloud generally except down the east coast where weather is temporarily fine. Some fog is reported at the Mouth of the Channel. The depression which yesterday was centred over Northern Italy has moved south-eastward down the Adriatic.

The Outlook

Under the influence of the northern depression unsettled conditions are probable over the whole country for the present, particularly in Scotland and North England.

Saturday, 31st AUGUST, 1918, at 13h. (1 p.m.) G.M.T.



The barometer has commenced to rise in the North of Scotland and the wind has veered. The main depression seems to be passing eastwards. Fairer conditions are likely to set in in the north.

R. G. K. LEMPFERT, C.B.E., Supt. Forecast Divn. H.G.LYONS, Lieut. Col., Director.

DAILY WEATHER REPORT OF THE METEOROLOGICAL OFFICE, 1918. No. 243

SATURDAY, 31ST AUGUST

	STATIONS.	Evening of 30th: Barom. Millibars at M.S.L.	Temp. °F.	Wind. Direc.	Wind. Force 0-12.	Weather.	Morning of 31st: Barometer. Millibars at M.S.L.	Barometer. Change in 3 hours. ‡	Temp. Dry Bulb. °F.	Temp. Change in 24 hours. °F.	Wind. Direc.	Wind. Force 0-12.	Direc. of Upper Cloud.	Weather.	Sea 0-9	24 hours ended 7 h 31st: Rainfall. Millimetres.	Temp. Max. °F.	Temp. Min. °F.	Weather. Morning.	Weather. Afternoon.	Weather. Night.	Sunshine for 30th. Hours.
BRITISH ISLANDS.	Lerwick ...	1002.2	48	W	5	c	997.4	-2	45	-5	NW	5	NW	cqh	4	3	52	41	cm	cp.	cqh	*
	Deerness (Orkney)	1004.4	50	W	4	bc	999.3	*	45	-8	W	3	-	oh	2	2	56	44	oh.o.	oh.c.	bc.c.oh.	4.0
	Stornoway ...	1008.0	52	W	6	chq	1000.9	-7	47	-4	WNW	6	-	r	5	9	56	45	chq.	ohq.	c.orq	6.2
	Castlebay (Barra Isd.)	1013.0	54	WNW	4	o	1006.0	-3	52	-3	WNW	5	-	c	4	2	56	48	oh.c.o.	o.c.	c.oh.c.	3.6
	Glasgow ...	1011.8	54	W	4	c	1007.5	-3	47	-9	W	4	NW	bc	*	1	60	45	c.o.c.	c.o.c.oh.	c.oh.bh	5.3
	Eskdalemuir ...	1012.4	52	W	5	ch	1008.6	-3	46	-7	SW	3	-	cv.	*	Trace	60	43	o.oq.o	oq c.oh	ohqdc	3.6
	Malin Head ...	1014.2	55	NW	6	cq	1010.0	-2	50	-6	NW	6	NW	cqh	6	3	58	50	bcmq.	cqh.	cqh	5.9
	Blacksod Point	1019.3	56	W	5	bcm	1014.9	-3	54	-3	WNW	5	W	bcm	4	0.2	60	51	bcm	bcm.	bc.bch	*
	Valencia (Cahirciveen)	1023.2	60	NW	3	b	1019.2	-3	57	-3	WNW	4	-	o	4	1	61	55	od.	o.c.	c.o	1.9
	Roche's Point	1021.6	63	WNW	3	o	1018.3	*	57	-1	WNW	3	-	o	2	Trace	66	55	om.o.	om.c.o.	c.o.	*
	Birr Castle ...	1019.9	59	WNW	2	c	1016.0	*	52	-7	W	1	-	o	*	0.2	65	52	c.o.	om.c.	omh.	3.1
	Donaghadee ...	1019.8	58	W	5	cgmqf	1011.5	-1	50	-8	NW	4	NW	bcqh	4	1	67	50	ogm.bc.	bf.mq.	bcqmh.	*
	Liverpool (Bidston)	1019.9	62	WSW	5	bc	1011.4	-2	54	-3	W	5	W	c	4	2	63	52	od.	oh.bc.	o.c.	1.6
	Holyhead ...	1016.6	62	W	5	b	1012.9	-2	54	-3	WNW	5	NW	cq	4	0.1	65	54	og.	oh.bc.b	c.b.bc.o	2.0
	Pembroke (St. Ann's)	1019.9	60	WSW	4	c	1016.2	-2	56	-2	WNW	4	NW	cq	3	-	61	55	cv.	c.o.	bcq.cq.	0.5
	Hartland Quay	1021.7	61	WSW	4	odf	1017.0	-2	59	0	WNW	4	-	o	4	0.1	61	58	ov.od.o.	o.odf.	odfmo	*
	Scilly (St. Mary's)	1024.2	60	WNW	4	c	1020.2	-1	57	0	NNW	2	NW	o	4	0.3	64	56	cv. of.	of.c.	ombc.o.	2.3
	Falmouth ...	1023.3	62	W	5	ogq.	1018.6	-2	56	-1	NW	2	-	od	*	Trace	66	55	cv. ov.	cv.ogq	odq.o.	2.0
	Jersey (St. Aubin)	1023.9	62	WNW	3	b	1017.7	*	62	+5	WNW	3	-	o	2	0.1	64	56	bcm.	c.b	ogh.o.	8.5
	Portland Bill ...	1020.6	58	W	5	c	1015.2	-1	59	+2	WNW	4	NW	bc	4	-	62	55	bc.c.	bc.c.	bc.c.	*
	Dungeness ...	1019.1	61	WSW	4	c	1012.6	-2	61	+9	W	3	W	b	3	-	65	52	bc.c.	c.	c.bc	*
	Wick	1006.3	50	WNW	4	chq	1000.9	-4	45	-8	W	3	-	r	2	2	58	42	o.cmh	cmhq	cq.omr	*
	Nairn	1008.0	52	W	4	bcq.	1001.9	*	47	-6	W	2	-	cdu	2	1	58	44	cghr	cqh.bc.	q.cu	2.6
	Aberdeen ...	1008.3	53	WSW	2	bc	1003.7	-2	47	-8	SW	2	W	b	2	1	63	44	o.cq.	chq.bc.	bc.bu.b	1.5
	Leith	1010.2	57	W	4	c	1006.2	-1	49	-9	W	2	-	b	2	-	63	46	c.bc.b	c.ou.c.	c.b.bc.b	*
	Tynemouth ...	1012.1	60	WNW	3	cq	1007.7	-1	50	-7	WNW	2	-	bm	3	-	66	47	omq	cq	bq	*
	Spurn Head ...	1014.4	62	WSW	4	cq	1009.5	-1	53	-3	NW	5	-	bcq	4	-	63	50	cq	c.o.cq.	bcq	0.7
	Yarmouth (Gorleston)	1016.2	63	WSW	2	c	1011.2	-2	54	+4	WNW	3	-	bc	2	-	66	49	bcm	bcm.c.	c.bc	3.7
	Clacton-on-Sea	1017.6	63	W	3	oz.	1012.2	0	56	+4	WNW	3	NW	c	2	-	65	51	bc.c.	c.oz	dzc.	3.6
	Nottingham ...	1015.9	61	W	3	d.	1011.8	*	52	-3	W	2	W	ofm	*	1	65	52	o.c.	c.	o.c.bc.	1.0
	Benson (Oxon.) ...	1017.4	61	WSW	3	o	1013.6	0	53	+4	W	3	-	c	*	-	68	49	bc.	c.	bc	*
	Sth Farnborough	1019.4	61	SW	4	o	1014.0	-1	56	+7	WNW	4	NW	c	*	-	67	49	b.o.c.	c.o.	obcvw.	3.7
	Salisbury Plain	1019.8	61	WSW	4	o	1014.8	-1	55	+5	W	2	W	c	*	0.1	64	50	o.bc.cv.	o.c.o.	od.bc	2.9
	London (Kew Obsy.)	1018.9	62	SW	2	o	1013.2	0	56	+4	WNW	2	W	c	*	0.1	65	51	bcm.o.bc	bc.o.	o.ot.c.	3.1
NORTHERN EUROPE.	Spitsbergen ...	1024.0	39	SE	6	b	1022.6	+1	37	-	-	0	*	b	*	*	43	30				
	Vardö	1017.6	45	NE	2	o	1017.6	0	46	0	N	2	-	o	2	*	46	45				
	Bodö	1007.2	55	E	2	b	1005.8	0	55	0	ESE	6	-	c	2	-	?	50				
	Christiansund ...	1002.0	54	-	0	c	996.3	-4	52	0	W	2	-	c	3	16	57	?48				
	Skudesnaes ...	1004.2	54	W	1	b	997.0	+2	52	-2	WNW	3	-	b	2	4	54	50				
	Færder (X'tania Fjord)	1006.8	55	SW	5	o	995.4	-1	55	-6	WSW	4	-	b	3	19	61	54				
	The Scaw (Skagen)	1010.2	52	SW	1	r	998.3	-3	57	-4	SW	2	-	o	2	16	63	52				
	Blaavands Huk	1012.3	59	WSW	4	o	1002.3	-3	57	0	W	3	-	o	*	2	61	54				
	Copenhagen ...	1013.9	57	WNW	2	c	1003.0	-4	57	0	SW	5	-	o	*	21	66	55				
	Bornholm ...	1013.9	61	WSW	1	c	1005.8	-4	59	0	SW	5	-	o	1	-	63	55				
FRANCE, &c.	The Helder ...	1017.2	61	SW	4	o	1007.8	-3	59	0	WNW	5	-	c	3	1	64	57				
	C. Gris Nez ...	1019.8	59	W	4	o	1013.0	+1	61	+6	W	4	*	bc	4	-	64	55				
	La Hève	1022.6	61	NW	4	c	1016.8	*	61	+2	WNW	5	*	r	5	2	64	57				
	Brest (St. Mathieu)	1025.5	61	NNW	2	b	1020.4	-2	59	+5	W	3	*	f	2	-	66	52				
	Rochefort (Ile d'Aix)	1023.6	66	NW	4	b							*		*							
	Biarritz						1018.2	0	63	+4	-	0	*	b	4	-	77	57				
	Paris	1021.8	64	-	0	c	1017.2	-2	54	-1	SSE	2	-	o	*	Trace	70	52				
	Belfort	1022.0	57	-	0	bc	1021.5	*	46	-2	-	0	*	c	*	Trace	66	41				
	Lyons	1021.8	63	N	2	b	1020.3	*	52	-3	-	0	*	b	*	-	68	46				
	Nice	1013.9	66	W	6	b	1015.1	+1	64	-4	E	1	*	b	0	-	81	55				
	Perpignan ...	1017.9	75	NW	3	b	1017.9	-1	63	-3	W	1		b	*	-	82	54				
	Sanguinaire ...	1010.6	72	NW	5	b	1015.1	*	72	+2	E	3	*	b		-	82	64				
IBERIA, &c.	Corunna	1019.0	72	NE	6	b	1017.4	0	66	-2	-	0	-	b	1	-	68	59				
	Madrid														*							
	Lisbon	1014.3	72	NW	4	o	1014.3	+1	66	-6	-	0	-	b	2	-	79	64				
	Azores (Horta) ...	1027.1	*	NE	4	b	1027.0	0	68	+4	-	0	*	o	1	-	75	66				
	,, (P. Delgada)	1025.2	*	ENE	3	b	1025.0	0	68	+2	-	0	*	o	1	-	75	66				
	Madeira	1017.0	73	N	3	o	1019.0	0	68	+2	N	2	-	o	2	-	75	66				
	Gibraltar	1015.2	75	E	3	b	1014.5	*	73	+6	NE	2	*	o	2	-	82	66				
	Palma																					
MEDITERRANEAN.	Algiers																					
	Malta	*	*	*	*	*	1014.7		73	-2	NW	5	-	bc	4	-	86	72				
	Salonica	1008.3	76	SSE	1	b	1004.4	-3	76	0	S	1	-	bc	*	-	93	68				
	Athens																					
	Candia	1013.5	75	-	0	b	1011.1	0	75	+2	-	0	-	b	0	-	88	70				
	Limassol	*	*	*	*	*	1009.4	0	82	+3	-	0	-	b	0	-	90	64				
	Alexandria ...	1013.1	77	N	2	b	1012.7	+1	81	+2	NW	2	NW	b	1	-	88	72				
	Cairo (Helwan) ...	1012.3	82	N	3	b	1012.3	+2	75	+2	N	3	-	c	*	-	91	68				
	Jerusalem ...	*	72	WNW	3	b	*	*	73	+1	-	0	-	b	*	-	86	61				
	Ramleh	1011.2	77	NW	1	b	1011.4	0	79	+2	-	0	-	b	*	-	88	64				

THE BEAUFORT SCALE OF WIND FORCE.

No.	Limits of Velocity. Statute miles per hour.	Limits of Velocity. Metres per second.
0	Less than 1	Less than 0·3
1	1- 3	0·3- 1·5
2	4- 7	1·6- 3·3
3	8-12	3·4- 5·4
4	13-18	5·5- 7·9
5	19-24	8·0-10·7
6	25-31	10·8-13·8
7	32-38	13·9-17·1
8	39-46	17·2-20·7
9	47-54	20·8-24·4
10	55-63	24·5-28·4
11	64-75	28·5-33·5
12	Above 75	33·6 or above

BEAUFORT NOTATION.

b blue sky (not more than a quarter covered).
bc sky partly cloudy (one half covered.
c generally cloudy (three quarters covered).
d drizzle, or fine rain.
e wet air without rain falling.
f fog. g gloom.
h hail. l lightning.
m mist.
o overcast sky.
p passing showers.
q squalls
r rain.
rs sleet, *i.e.*, rain and snow together.
s snow.
t thunder.
u ugly, threatening sky.
v unusual visibility.
w dew.
x hoar frost.
y dry air; humidity less than 60 per cent.
z dust haze; the turbid atmosphere of dry weather.

* Information for these columns not usually received. † Received too late for insertion in Charts ‡ The barometric change is expressed in half-millibars